

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113733.D
 Acq On : 11 Apr 2019 21:25
 Operator : JU/SJ
 Sample : K2358-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:03:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	129006	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	487183	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	226353	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	419830	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	342328	20.00	ng	-0.02
87) Perylene-d12	15.23	264	348108	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	801018	105.88	ng	-0.01
7) Phenol-d6	6.33	99	1066181	114.34	ng	-0.01
23) Nitrobenzene-d5	7.24	82	630524	75.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	287033	105.56	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1159059	82.44	ng	-0.02
79) Terphenyl-d14	12.76	244	1057741	62.91	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	121	0.034	ng	# 1
6) Aniline	6.45	93	1128	0.100	ng	# 1
9) Benzaldehyde	6.33	77	1093	0.197	ng	# 1
10) Phenol	6.34	94	4399	0.413	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	1128	0.136	ng	# 1
15) Benzyl Alcohol	6.83	79	9202	1.460	ng	# 45
19) n-Nitroso-di-n-propylamine	7.24	70	79676	13.857	ng	# 76
22) Acetophenone	7.12	105	131	0.012	ng	# 51
24) Nitrobenzene	7.24	77	1720	0.201	ng	# 35
25) Isophorone	7.24	82	632348	39.467	ng	# 64
31) Naphthalene	7.98	128	14873	0.630	ng	# 98
33) 4-Chloroaniline	7.98	127	1657	0.177	ng	# 26
37) 2-Methylnaphthalene	8.69	142	3994	0.257	ng	# 95
38) 1-Methylnaphthalene	8.78	142	2941	0.196	ng	# 96
46) 1,1'-Biphenyl	9.13	154	3105	0.166	ng	# 94
47) 2-Chloronaphthalene	9.43	162	952	0.067	ng	# 1
48) 2-Nitroaniline	9.43	65	1030	0.238	ng	# 1
49) Acenaphthylene	9.57	152	7731	0.336	ng	# 96
50) Dimethylphthalate	9.43	163	159979	9.588	ng	# 99
51) 2,6-Dinitrotoluene	9.43	165	1404	0.382	ng	# 12
52) Acenaphthene	9.73	154	7648	0.581	ng	# 95
55) Dibenzofuran	9.93	168	6579	0.341	ng	# 91
56) 4-Nitrophenol	9.93	139	2275	0.877	ng	# 7
57) 2,4-Dinitrotoluene	9.70	165	29521	6.637	ng	# 23
58) Fluorene	10.26	166	8009	0.524	ng	# 94
60) Diethylphthalate	10.13	149	490	0.030	ng	# 59
63) Azobenzene	10.42	77	354	0.023	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.49	198	446	0.202	ng	# 1
66) n-Nitrosodiphenylamine	10.37	169	276	0.021	ng	# 30
67) 4-Bromophenyl-phenylether	10.49	248	16170	3.434	ng	# 1
71) Phenanthrene	11.21	178	181222	8.687	ng	# 98
72) Anthracene	11.21	178	181222	8.538	ng	# 99
73) Carbazole	11.44	167	13105	0.660	ng	# 94
74) Di-n-butylphthalate	11.74	149	3202	0.136	ng	# 84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

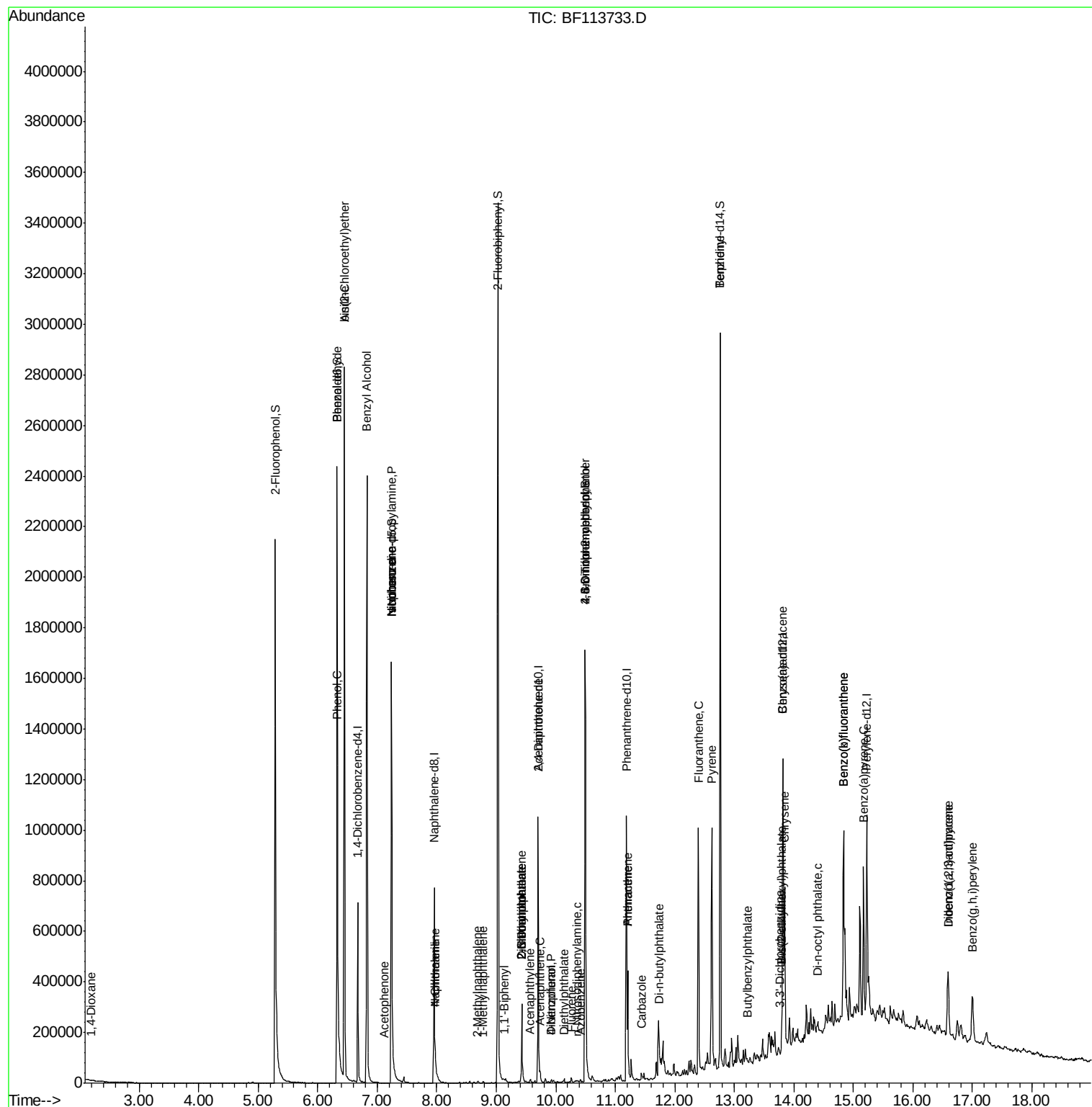
75) Fluoranthene	12.40	202	453600	20.291	nq	98
77) Benzidine	12.76	184	12244	0.962	nq	96
78) Pyrene	12.62	202	418114	16.052	nq	98
80) Butylbenzylphthalate	13.23	149	2349	0.222	nq	# 76
81) Benzo(a)anthracene	13.81	228	286758	14.521	nq	96
82) 3,3'-Dichlorobenzidine	13.76	252	357	0.047	nq	# 1
83) Chrysene	13.84	228	252878	12.632	nq	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	9216	0.719	nq	# 96
85) Di-n-octyl phthalate	14.41	149	475	0.023	nq	# 1
86) Indeno(1,2,3-cd)pyrene	16.59	276	162238	8.778	nq	96
88) Benzo(b)fluoranthene	14.83	252	529371	24.843	nq	98
89) Benzo(k)fluoranthene	14.83	252	529371	27.681	nq	97
90) Benzo(a)pyrene	15.17	252	297863	15.731	nq	95
91) Dibenzo(a,h)anthracene	16.59	278	42577	2.405	nq	# 82
92) Benzo(a,h,i)perylene	17.00	276	159617	8.832	nq	96

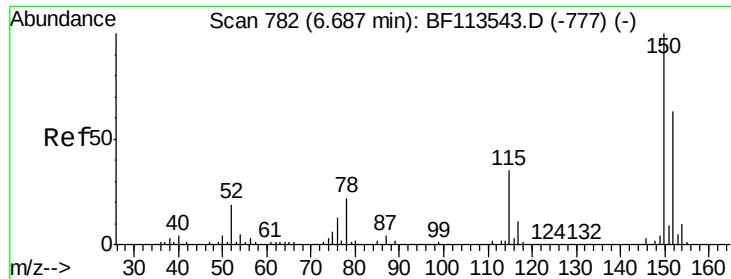
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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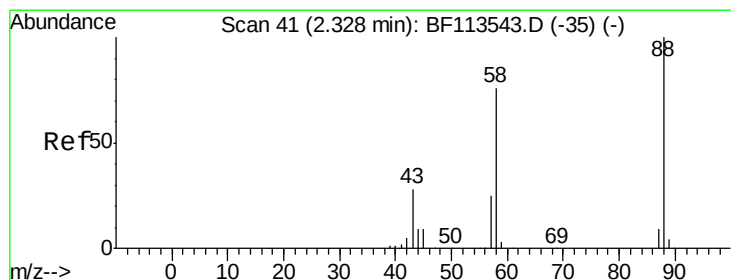
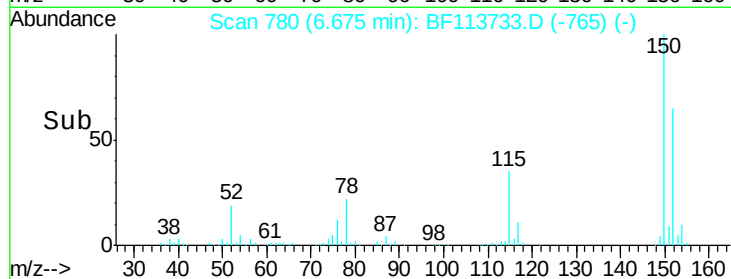
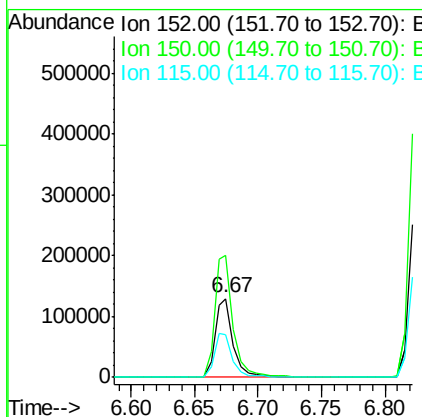
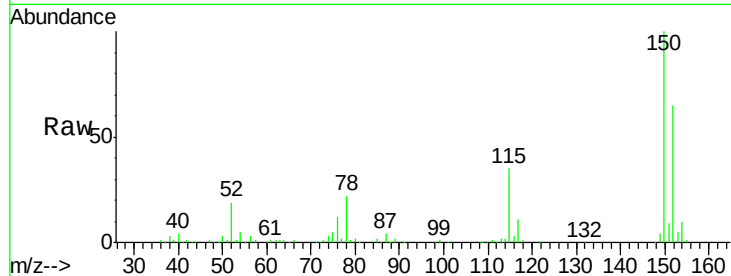


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

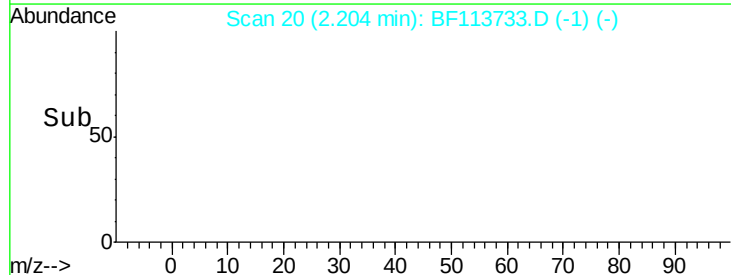
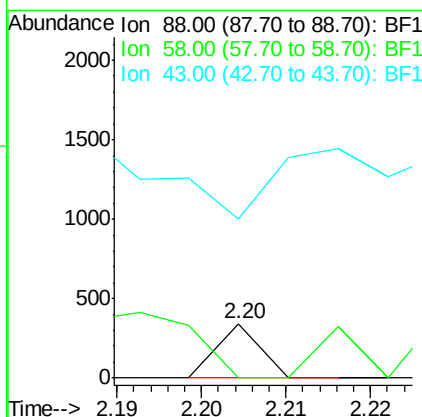
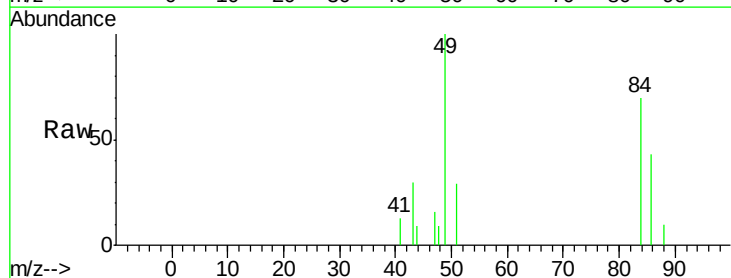
Tot Ion:152 Resp: 129006
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 53.6 46.0 69.0

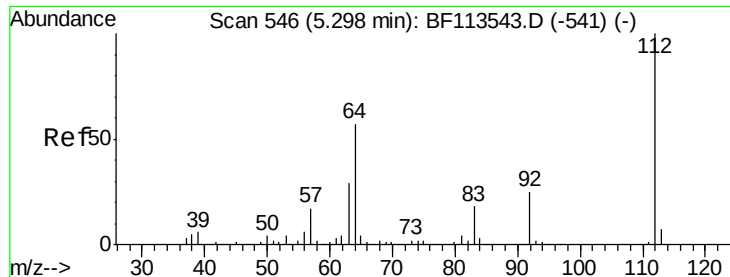


#2

1,4-Dioxane
Concen: 0.034 ng
RT: 2.20 min Scan# 20
Delta R.T. -0.12 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
58 94.2 61.9 92.9#
43 753.7 24.2 36.4#





#5

2-Fluorophenol

Concen: 105.880 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

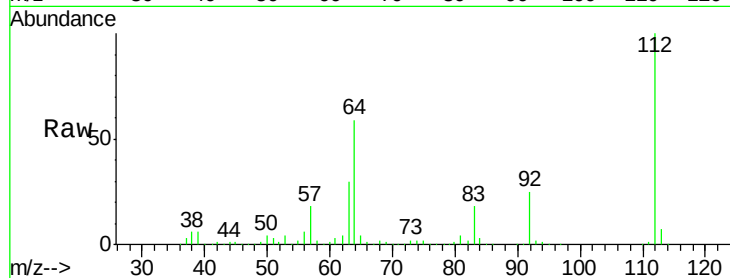
Tot Ion:112 Resp: 801018

Ion Ratio Lower Upper

112 100

64 59.0 49.2 73.8

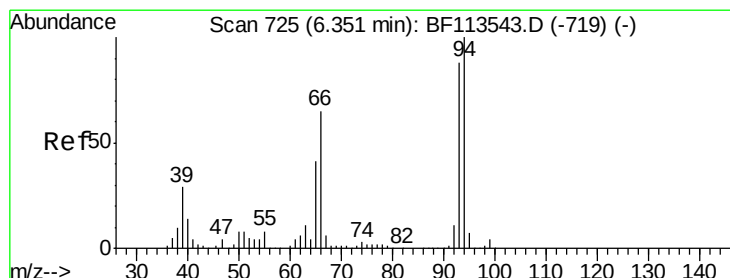
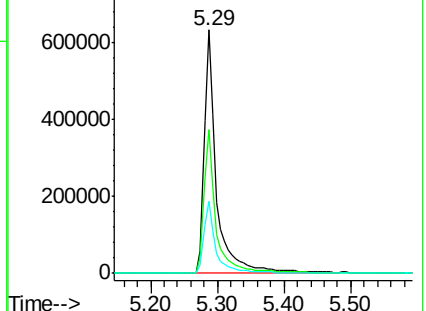
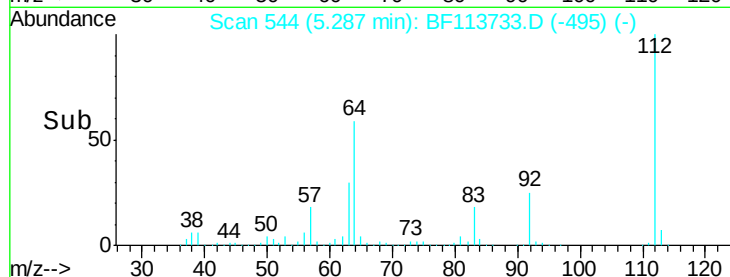
63 29.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.100 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

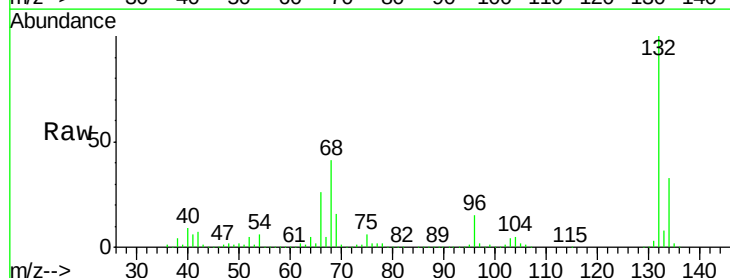
Tgt Ion: 93 Resp: 1128

Ion Ratio Lower Upper

93 100

66 17851.0 62.1 93.1#

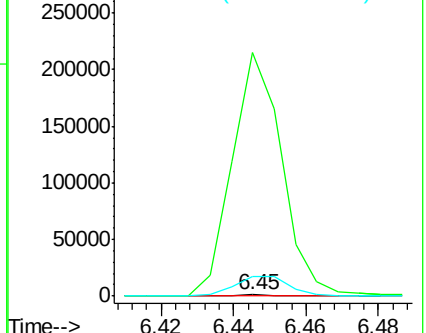
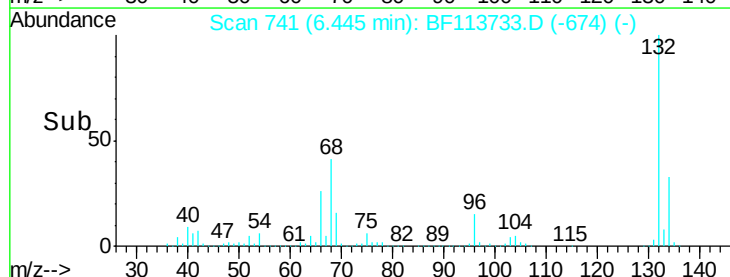
65 1457.9 38.7 58.1#

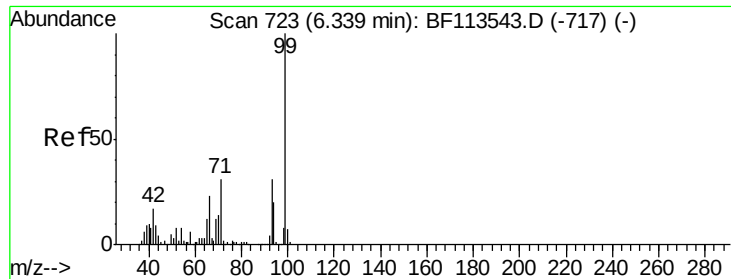


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.344 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

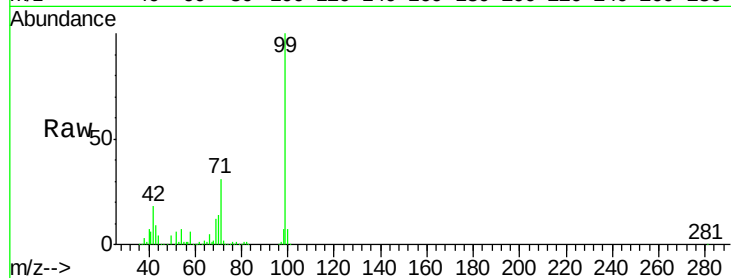
Tot Ion: 99 Resp: 1066181

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

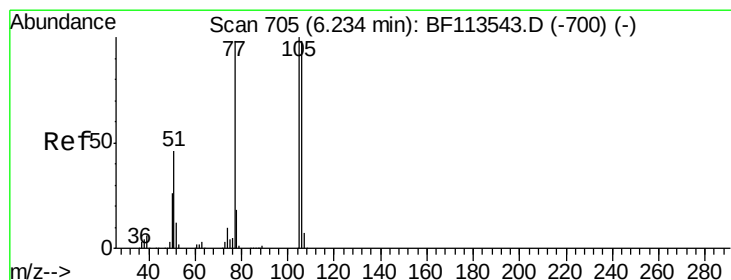
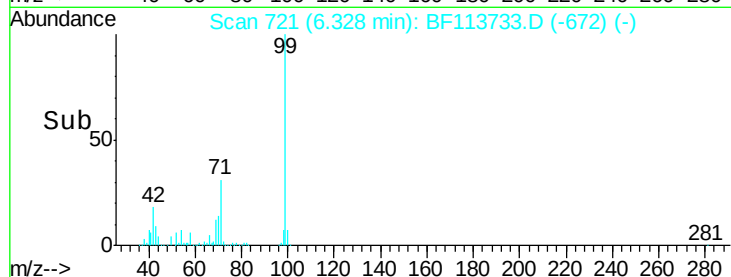
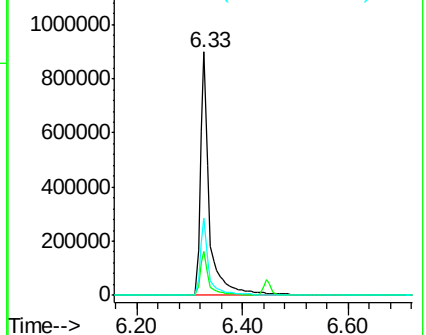
71 31.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.197 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.09 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

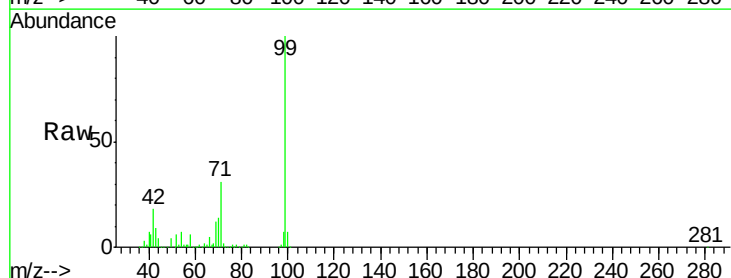
Tgt Ion: 77 Resp: 1093

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

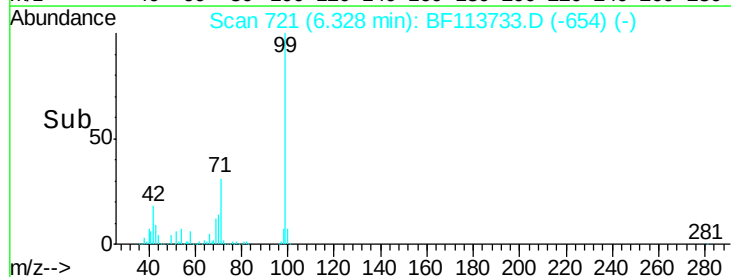
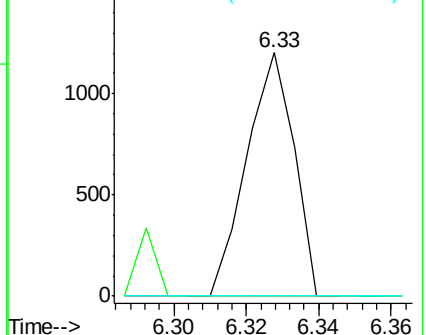
106 0.0 77.8 117.8#

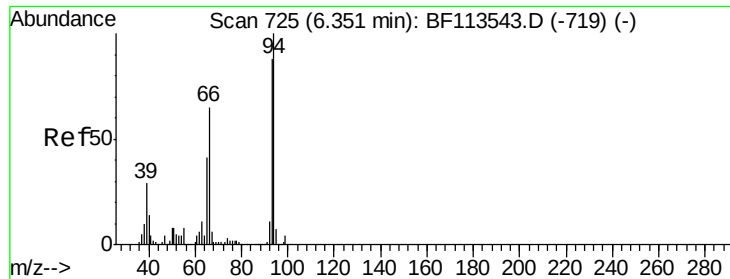


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.413 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

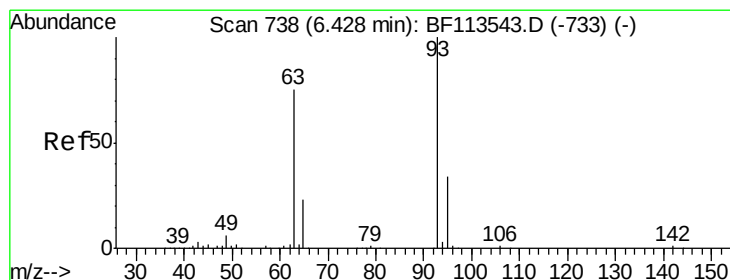
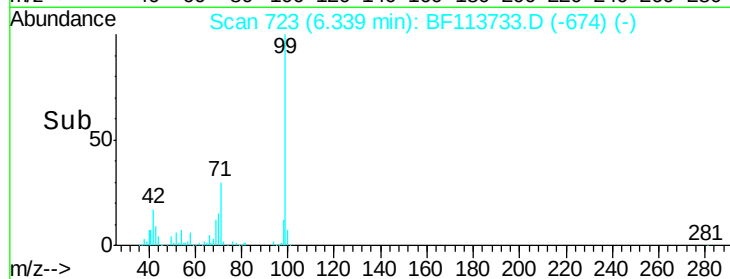
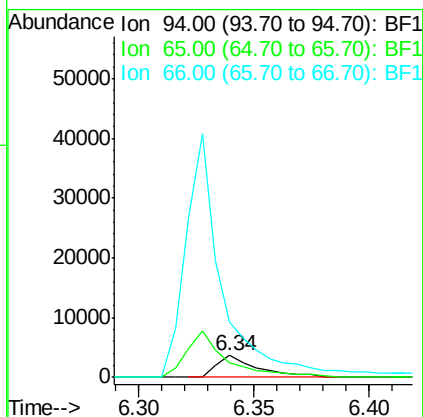
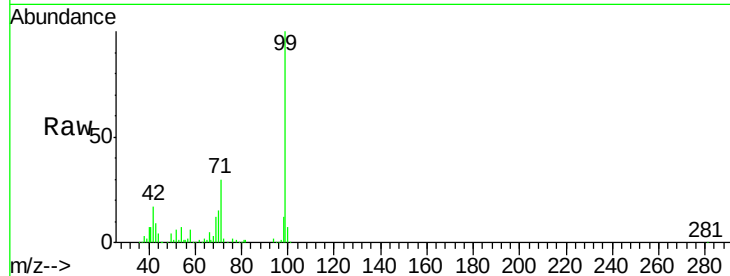
Tot Ion: 94 Resp: 4399

Ion Ratio Lower Upper

94 100

65 64.0 21.4 61.4#

66 251.1 46.4 86.4#



#11

bis(2-Chloroethyl)ether

Concen: 0.136 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

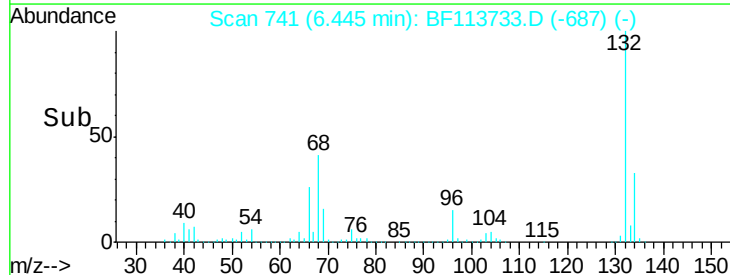
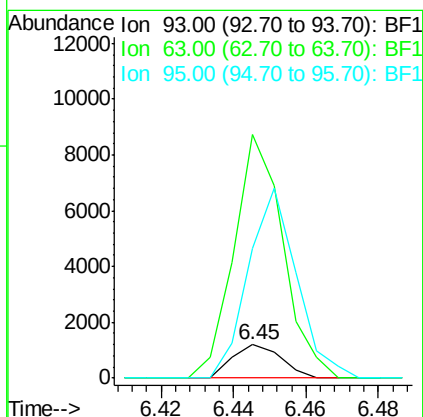
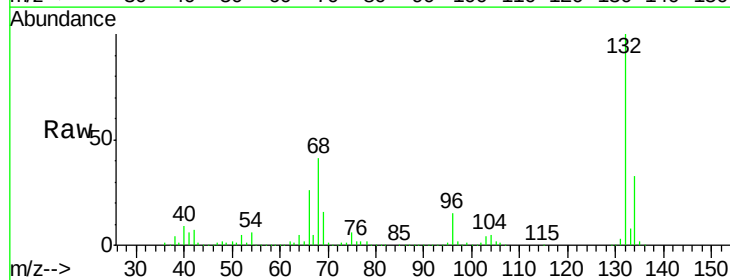
Tgt Ion: 93 Resp: 1128

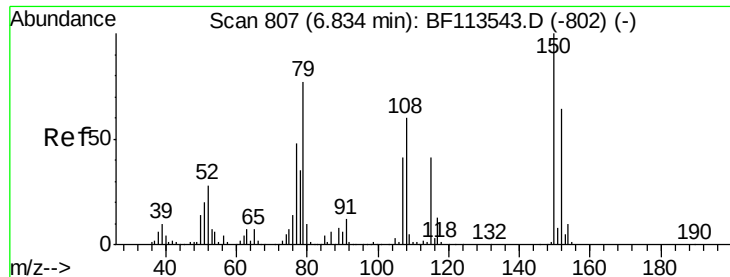
Ion Ratio Lower Upper

93 100

63 724.4 56.1 96.1#

95 385.9 12.8 52.8#





#15

Benzyl Alcohol

Concen: 1.460 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

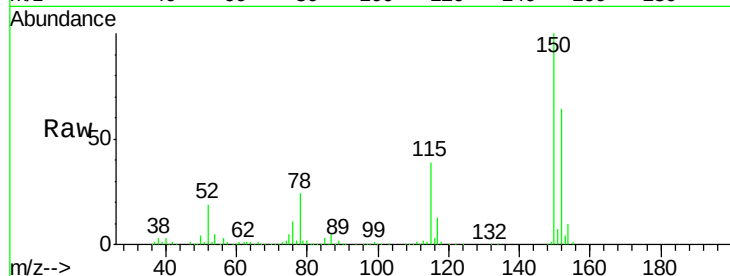
Tot Ion: 79 Resp: 9202

Ion Ratio Lower Upper

79 100

108 30.7 62.0 93.0#

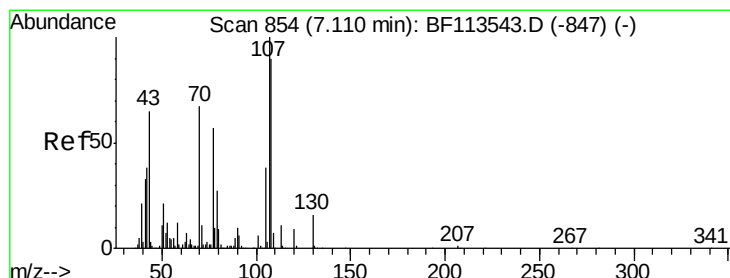
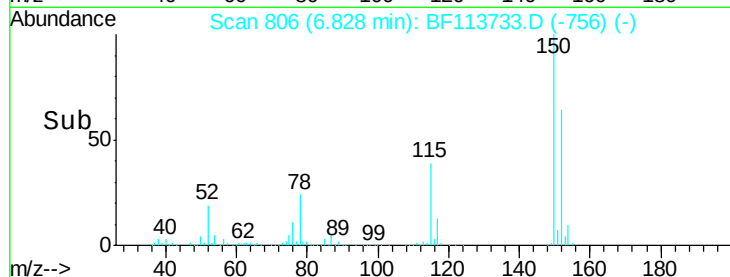
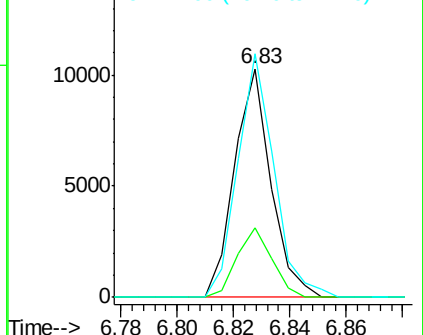
77 106.6 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.857 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Tgt Ion: 70 Resp: 79676

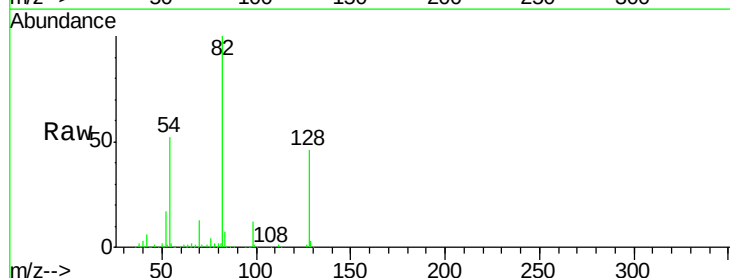
Ion Ratio Lower Upper

70 100

42 48.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

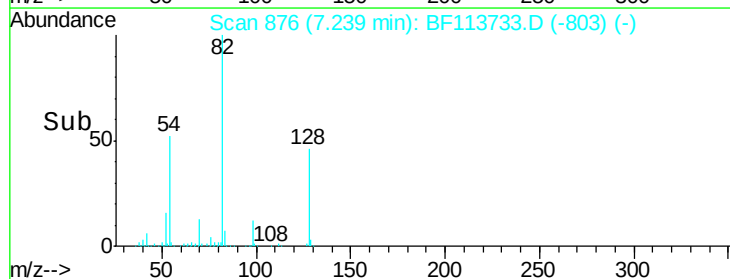
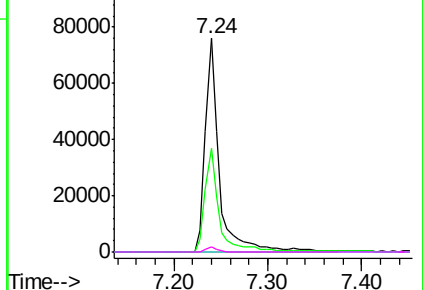


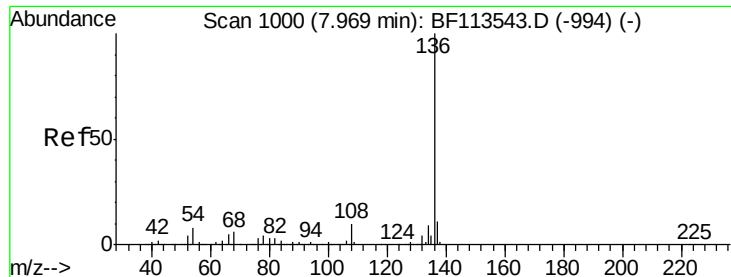
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 487183

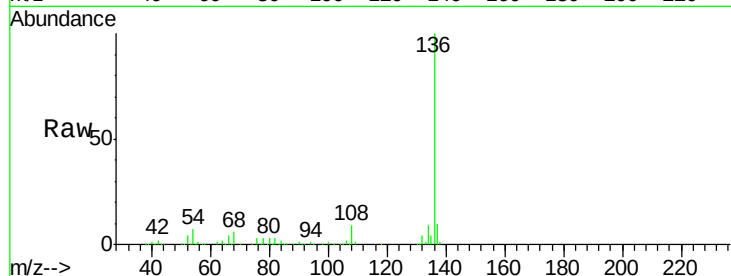
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 7.0 10.6

68 5.6 4.8 7.2

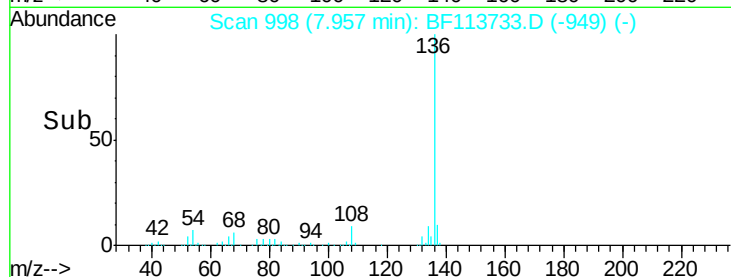


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Abundance

7.96

400000

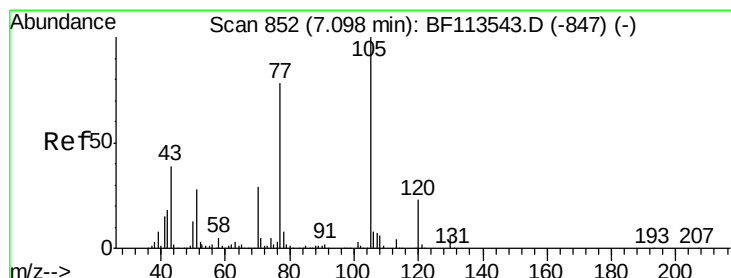
300000

200000

100000

0

Time-->



#22

Acetophenone

Concen: 0.012 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Tgt Ion:105 Resp: 131

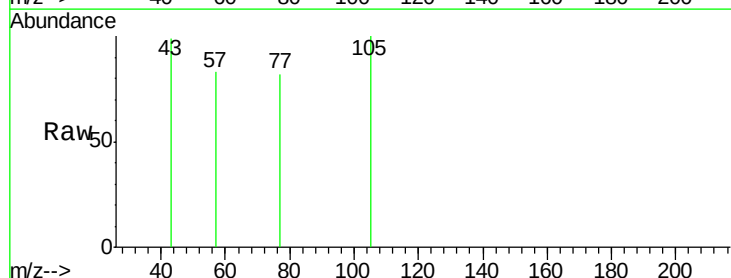
Ion Ratio Lower Upper

105 100

71 0.0 3.3 4.9#

51 0.0 24.2 36.2#

120 0.0 18.1 27.1#

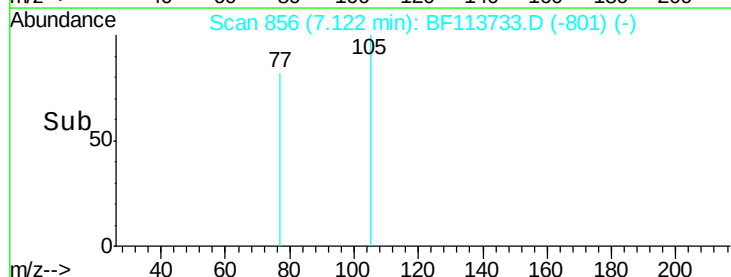


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Abundance

7.12

500

400

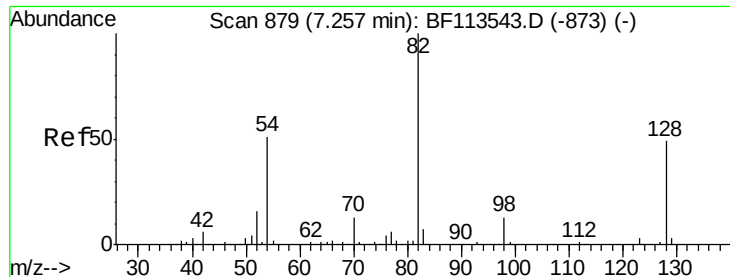
300

200

100

0

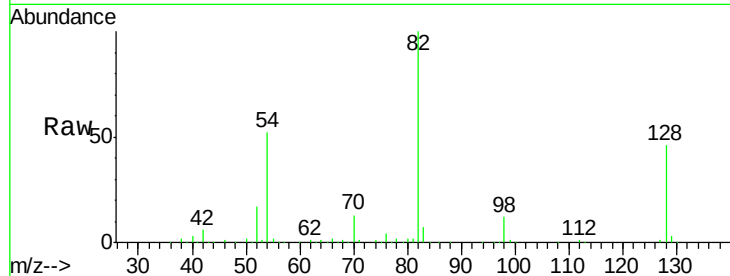
Time-->



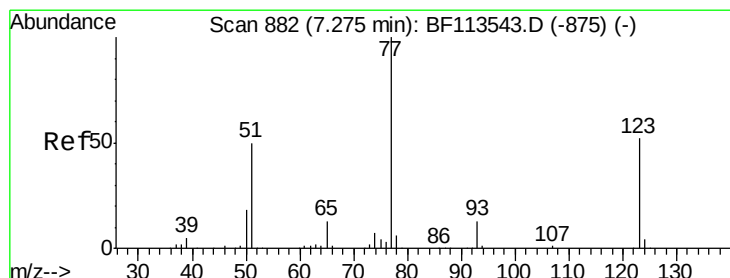
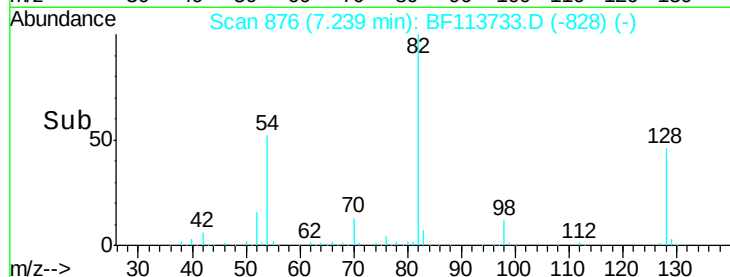
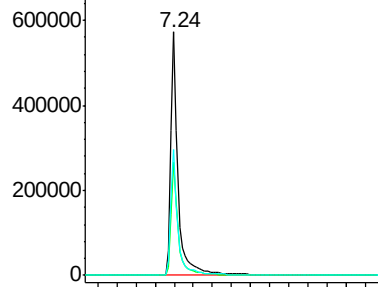
#23
Nitrobenzene-d5
Concen: 75.810 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 630524
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 51.7 42.2 63.2

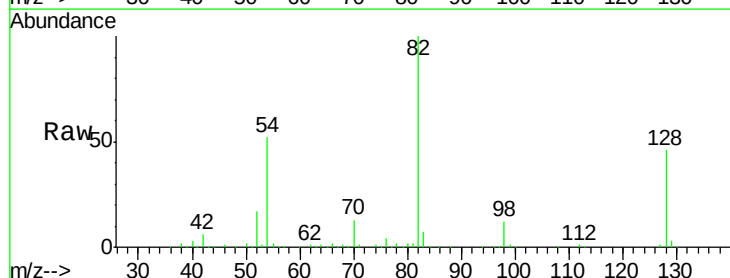


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

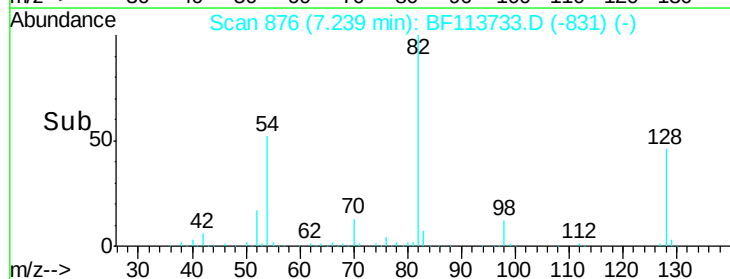
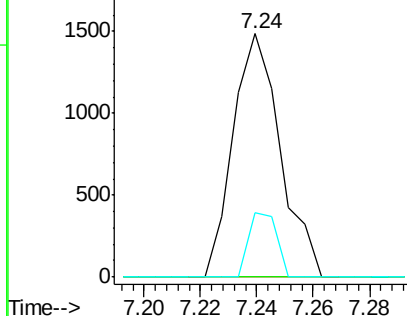


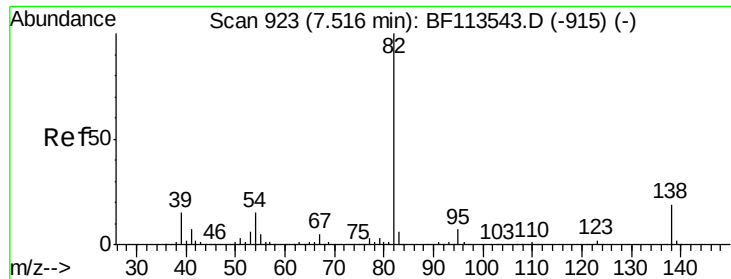
#24
Nitrobenzene
Concen: 0.201 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion: 77 Resp: 1720
Ion Ratio Lower Upper
77 100
123 0.0 40.8 61.2#
65 26.3 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.467 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

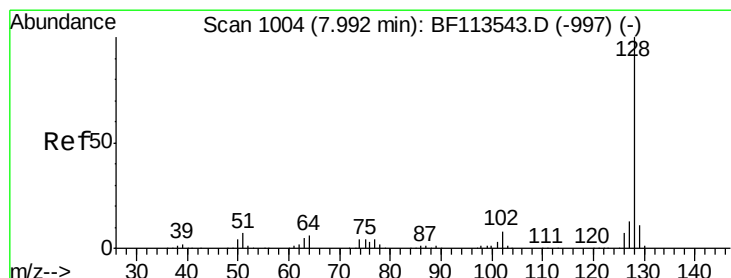
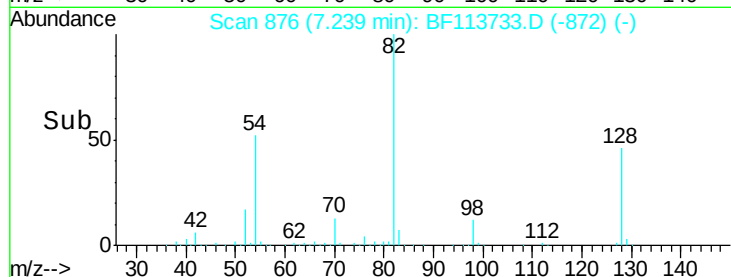
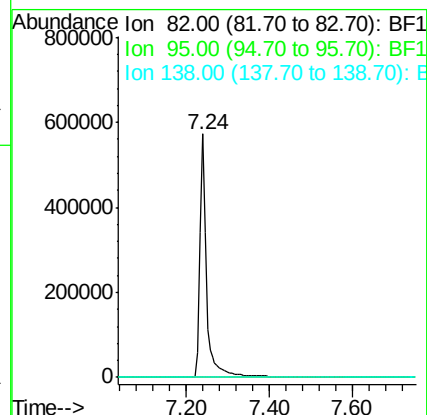
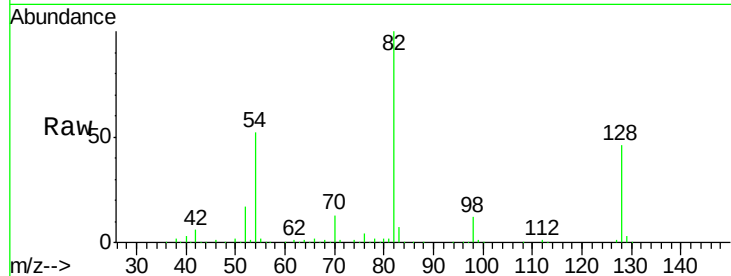
Tot Ion: 82 Resp: 632348

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#31

Naphthalene

Concen: 0.630 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

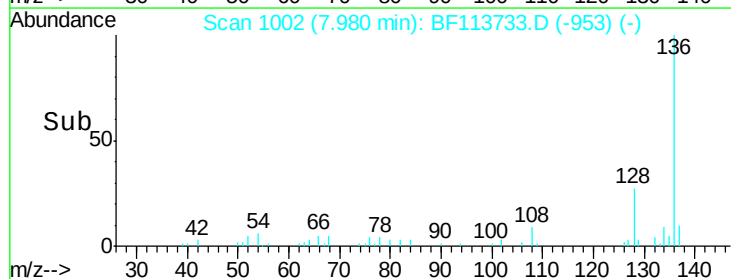
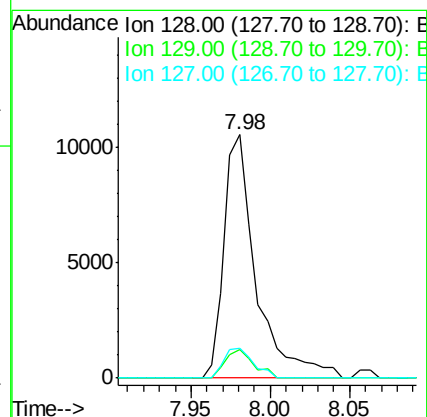
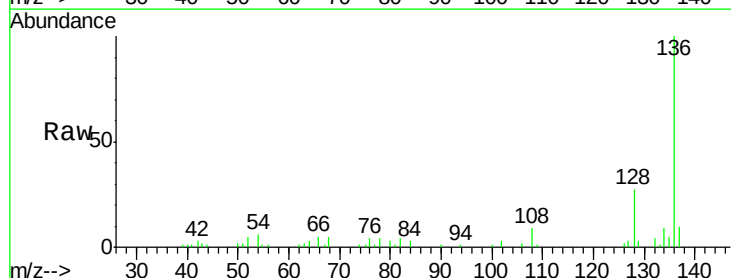
Tgt Ion: 128 Resp: 14873

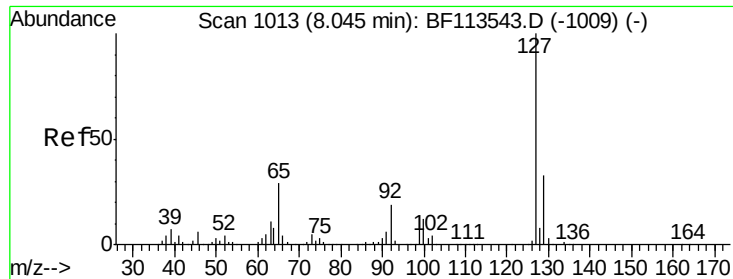
Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

127 12.3 10.9 16.3

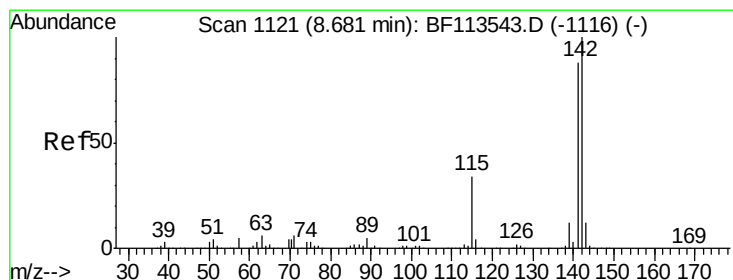
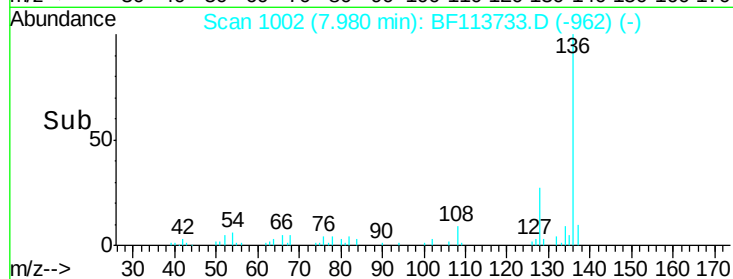
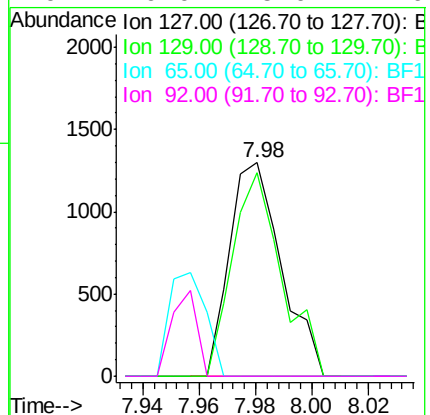
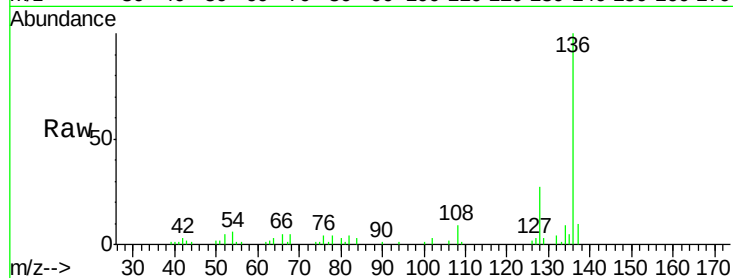




#33
4-Chloroaniline
Concen: 0.177 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.06 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

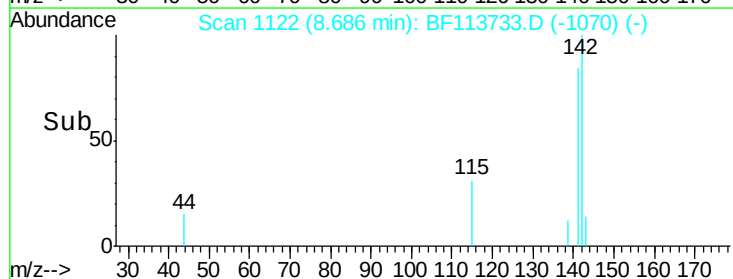
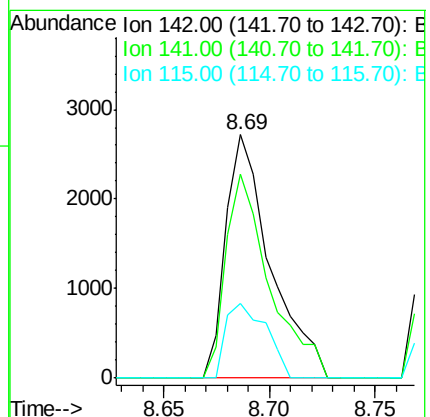
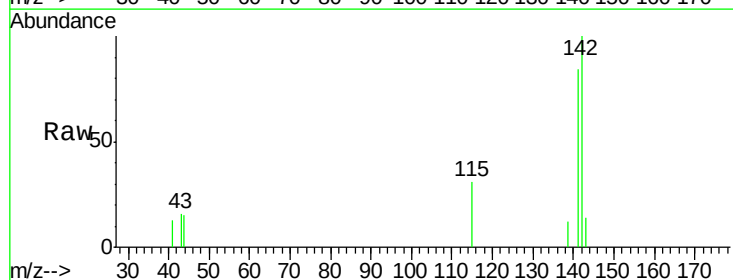
Instrument :
BNA_F
ClientSampleId :

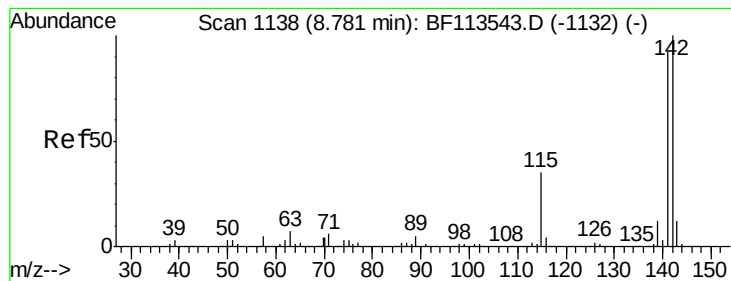
Tot Ion:	127	Resp:	1657
Ion	Ratio	Lower	Upper
127	100		
129	95.0	26.3	39.5#
65	0.0	24.2	36.4#
92	0.0	15.0	22.6#



#37
2-Methylnaphthalene
Concen: 0.257 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion:	142	Resp:	3994
Ion	Ratio	Lower	Upper
142	100		
141	84.0	71.0	106.6
115	30.8	26.6	39.8





#38

1-Methylnaphthalene

Concen: 0.196 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

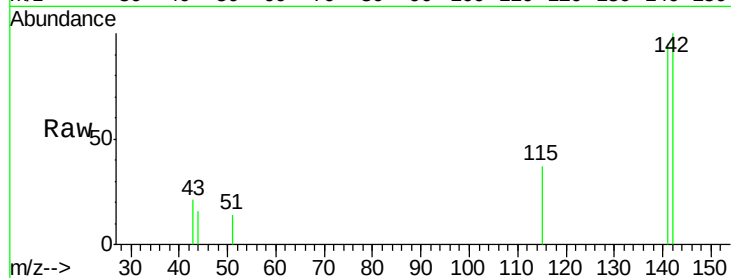
Tot Ion:142 Resp: 2941

Ion Ratio Lower Upper

142 100

141 94.7 73.2 109.8

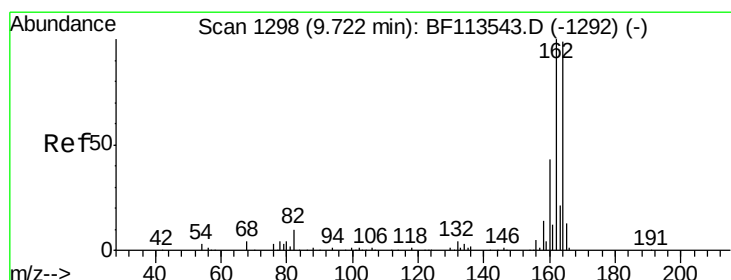
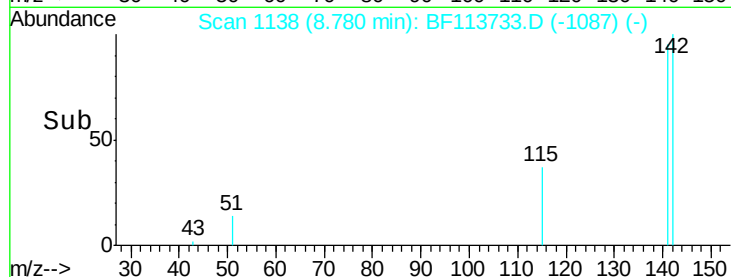
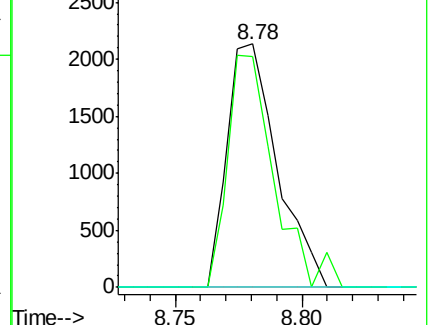
116 0.0 3.0 4.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

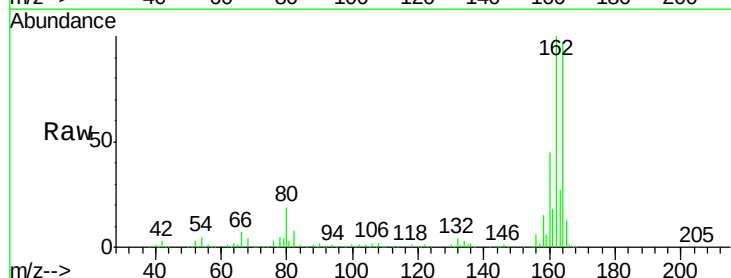
Tgt Ion:164 Resp: 226353

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

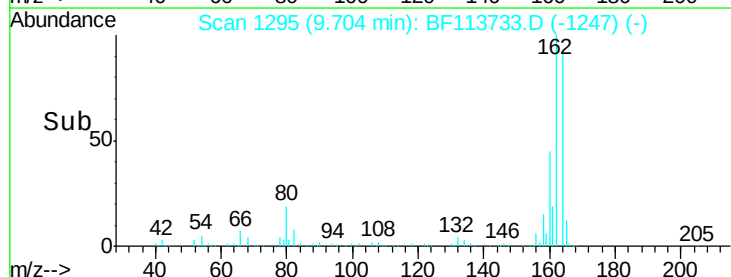
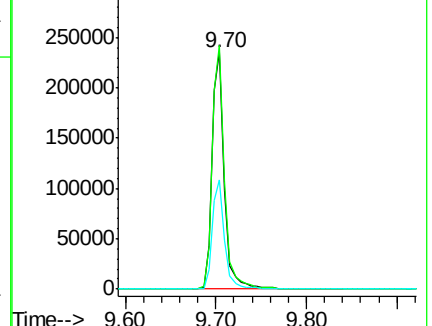
160 46.1 36.4 54.6

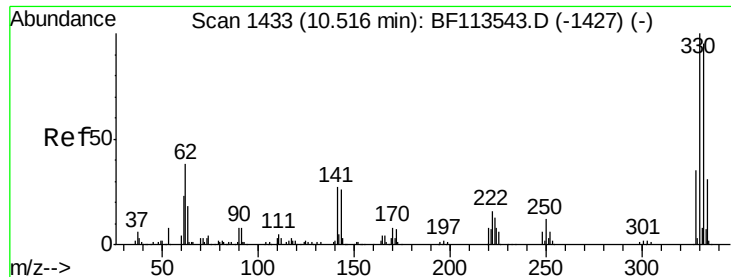


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

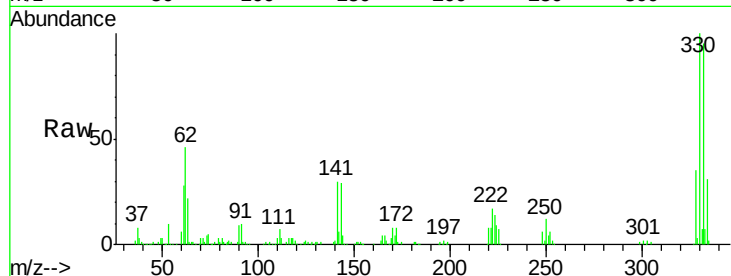




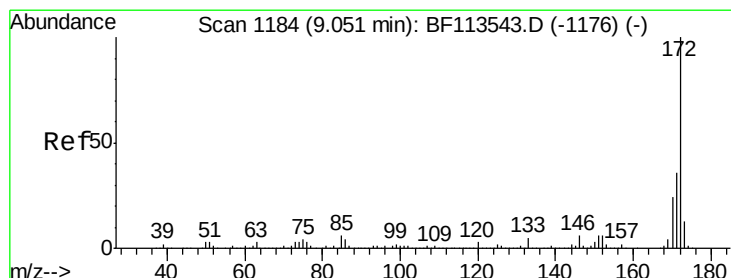
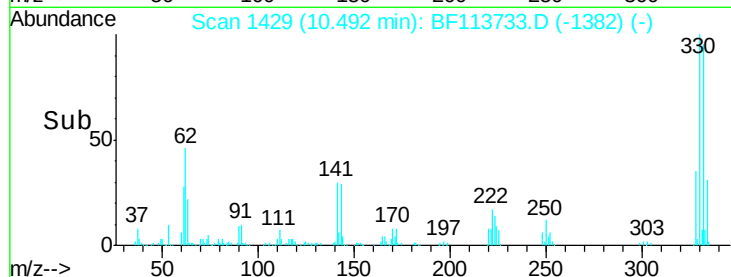
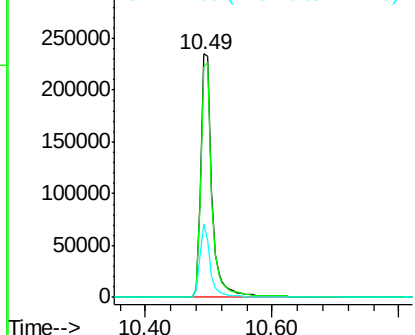
#42
 2,4,6-Tribromophenol
 Concen: 105.564 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 287033
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.3 22.7 34.1

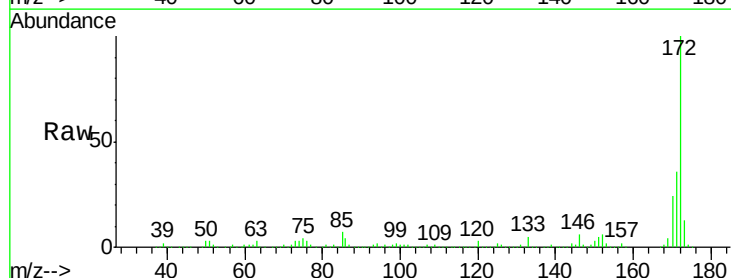


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

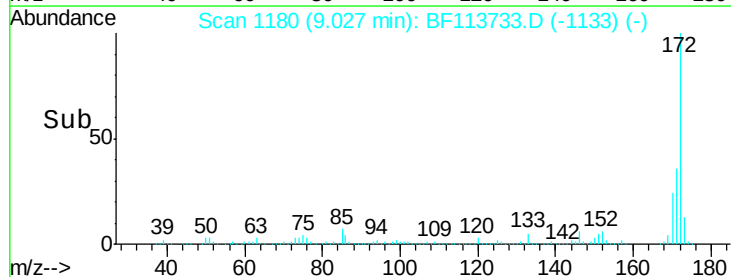
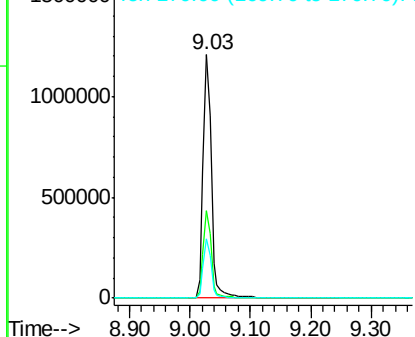


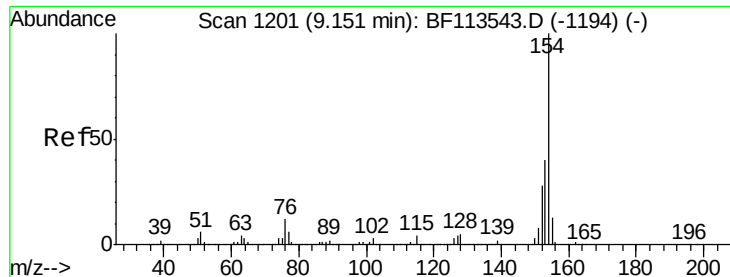
#45
 2-Fluorobiphenyl
 Concen: 82.436 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Tgt Ion:172 Resp: 1159059
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

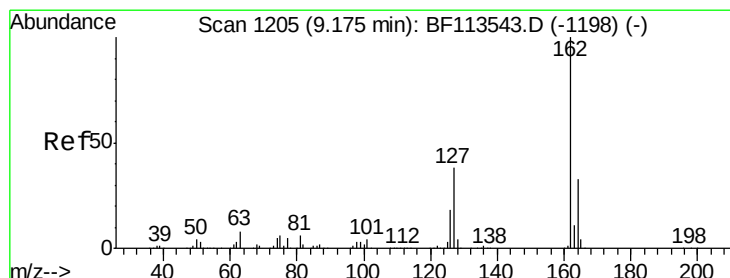
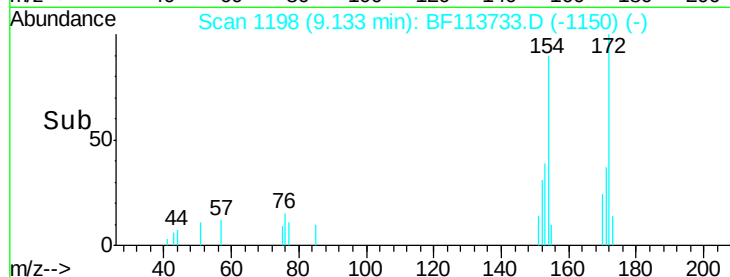
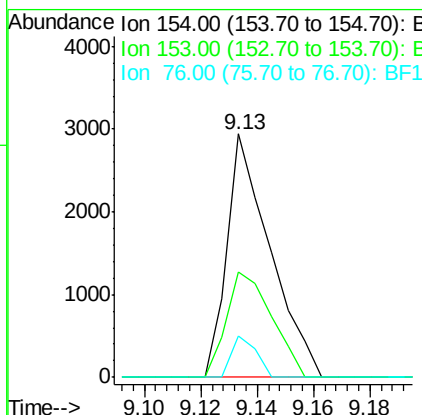
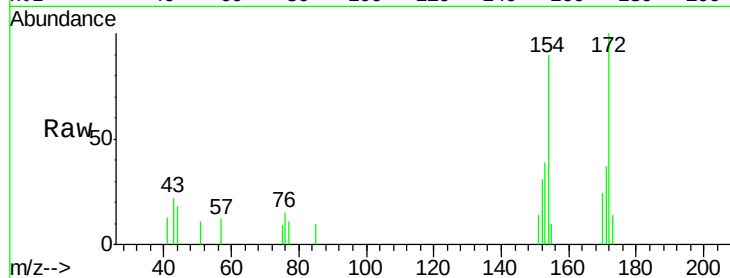




#46
 1,1'-Biphenyl
 Concen: 0.166 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

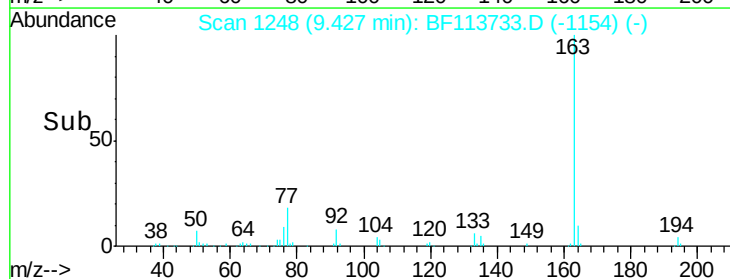
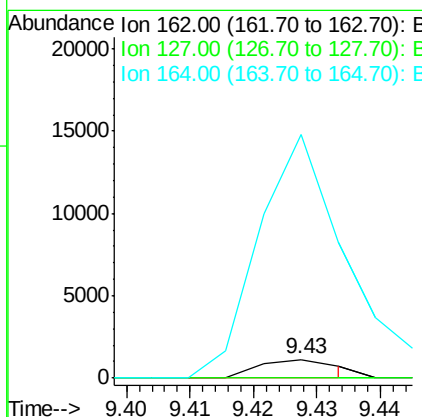
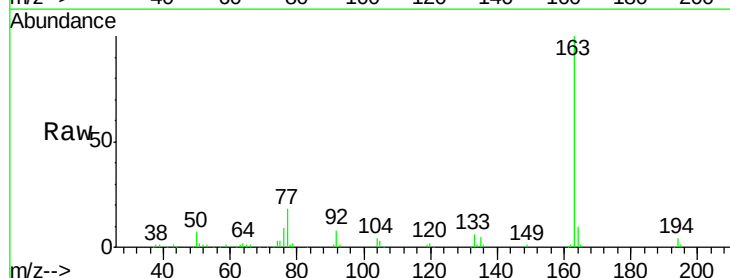
Instrument :
 BNA_F
 ClientSampleId :

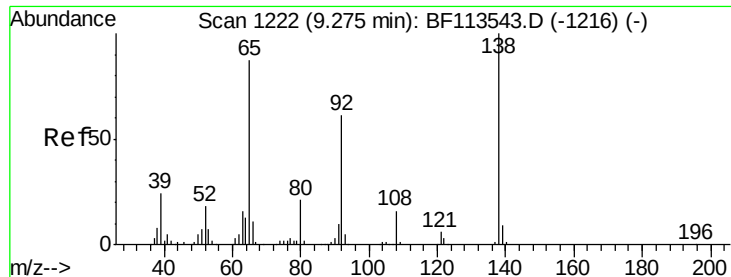
Tot Ion:154 Resp: 3105
 Ion Ratio Lower Upper
 154 100
 153 43.5 20.8 60.8
 76 16.8 0.0 31.9



#47
 2-Chloronaphthalene
 Concen: 0.067 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.25 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Tgt Ion:162 Resp: 952
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 49.0#
 164 1295.4 26.6 39.8#

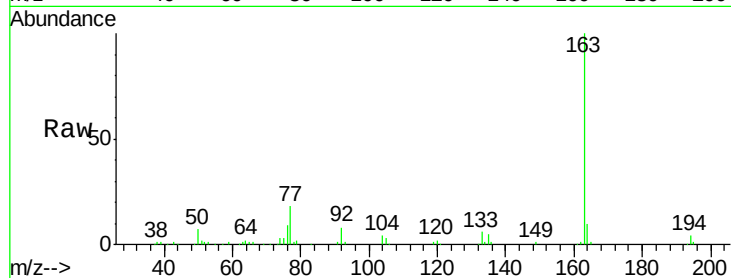




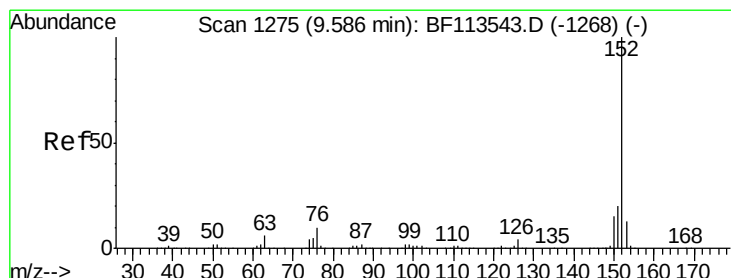
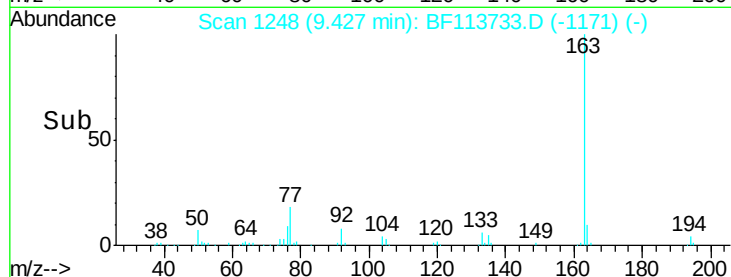
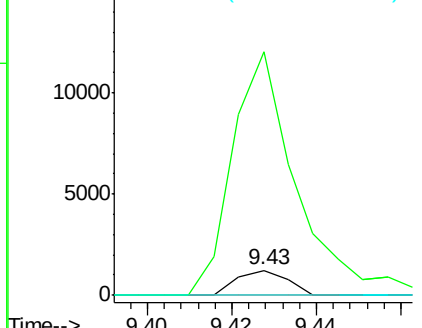
#48
2-Nitroaniline
Concen: 0.238 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.15 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 1030
Ion Ratio Lower Upper
65 100
92 968.8 56.8 85.2#
138 0.0 92.3 138.5#

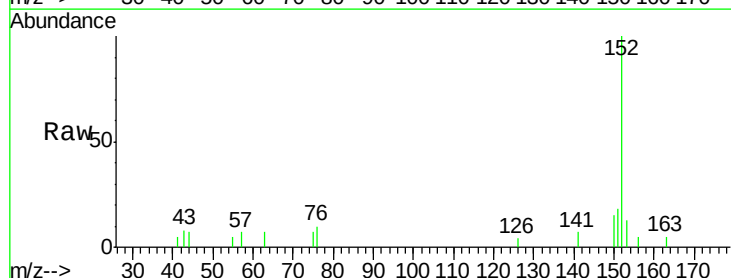


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

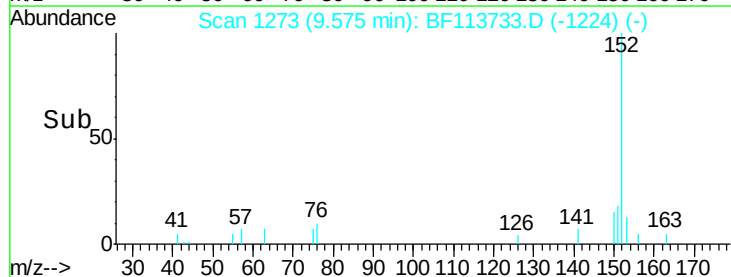
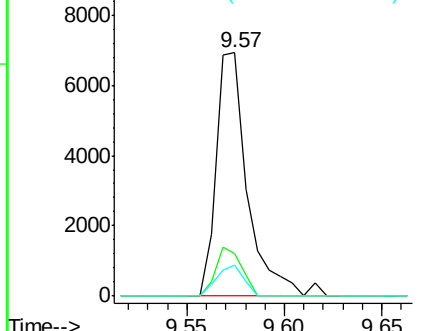


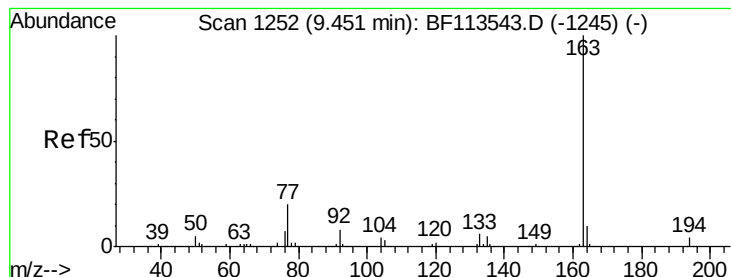
#49
Acenaphthylene
Concen: 0.336 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion: 152 Resp: 7731
Ion Ratio Lower Upper
152 100
151 17.7 16.2 24.4
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 9.588 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

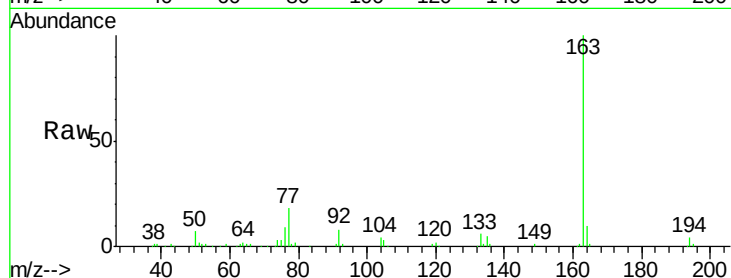
Tot Ion:163 Resp: 159979

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

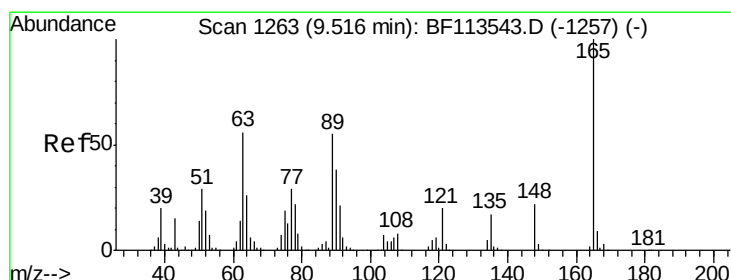
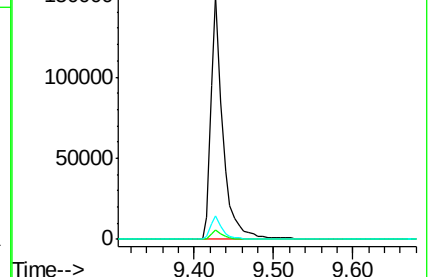
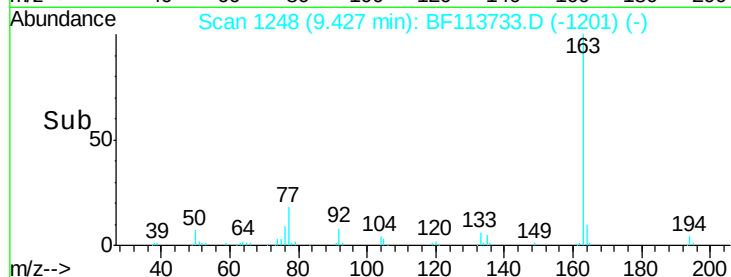
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.382 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.09 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

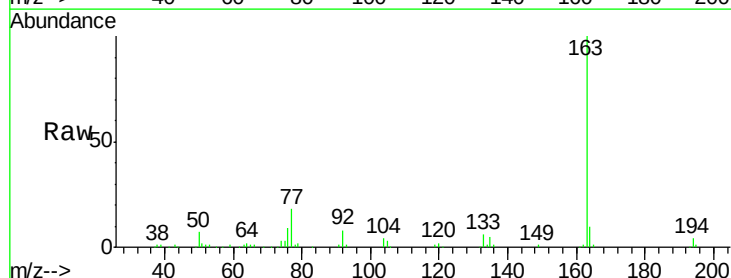
Tgt Ion:165 Resp: 1404

Ion Ratio Lower Upper

165 100

63 127.0 43.4 65.0#

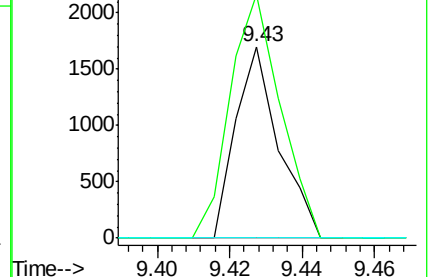
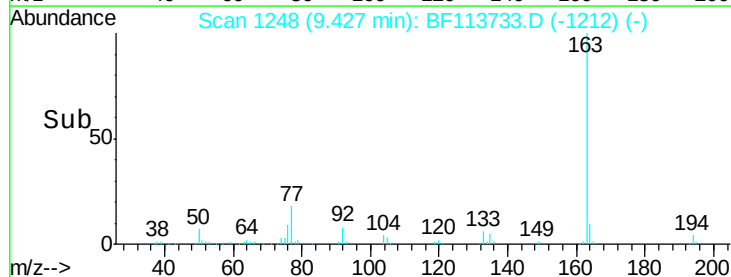
89 0.0 43.1 64.7#

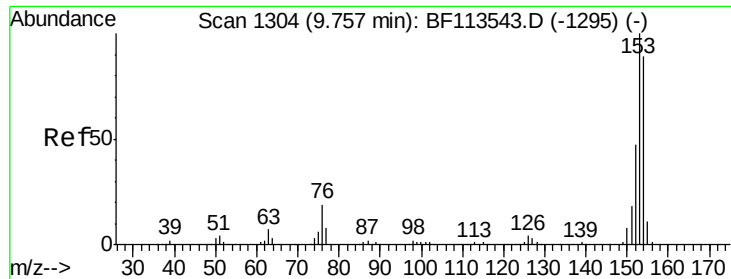


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.581 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

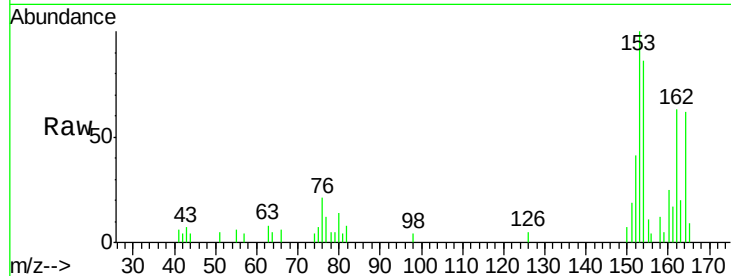
Tot Ion:154 Resp: 7648

Ion Ratio Lower Upper

154 100

153 115.9 89.5 134.3

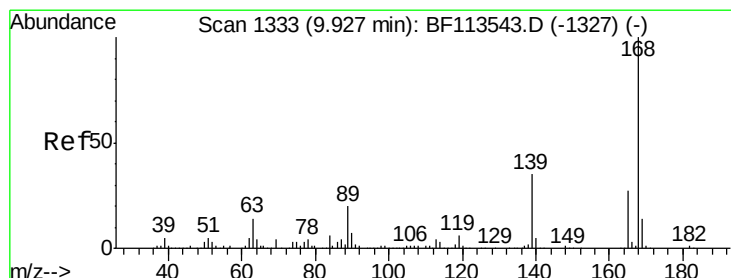
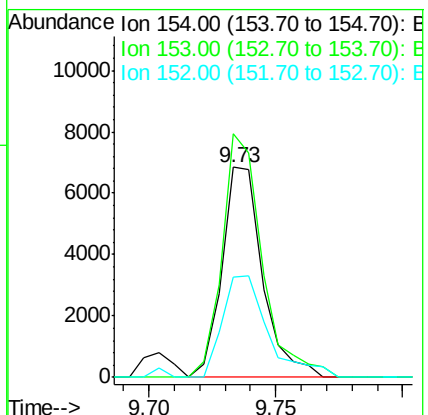
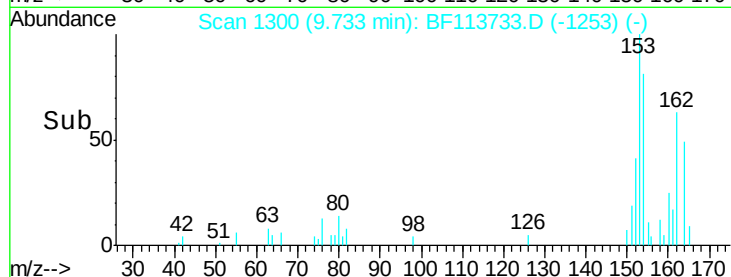
152 48.0 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.341 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

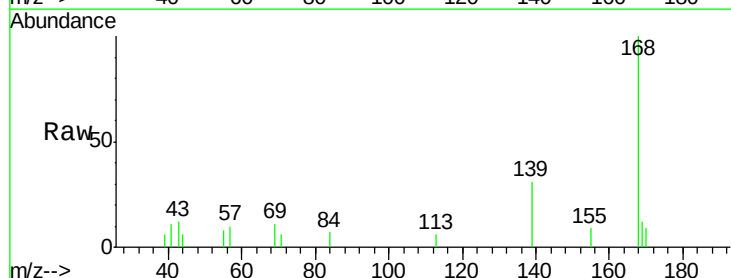
Tgt Ion:168 Resp: 6579

Ion Ratio Lower Upper

168 100

139 30.8 29.7 44.5

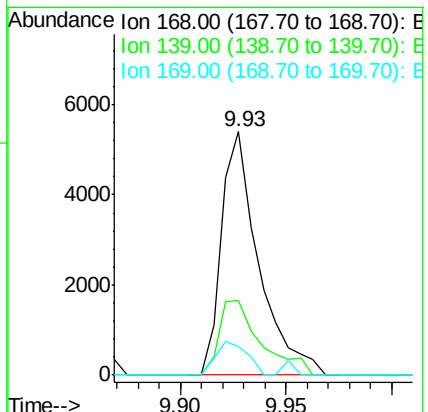
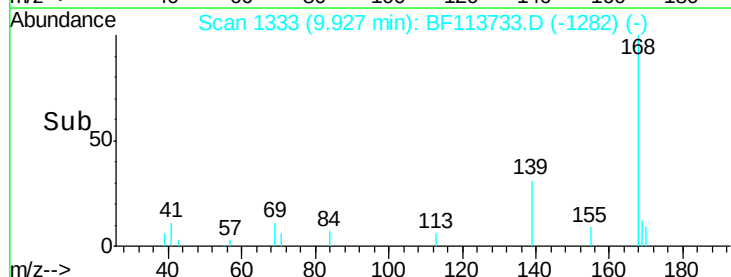
169 11.7 10.7 16.1

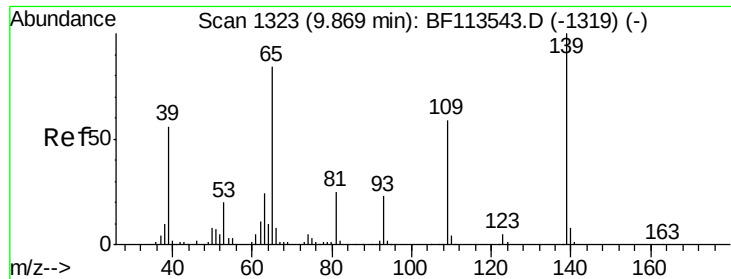


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.877 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.06 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

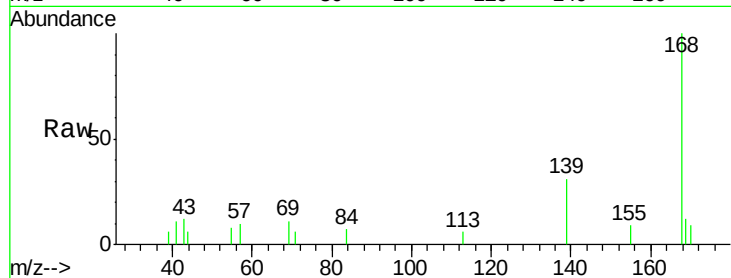
Tot Ion:139 Resp: 2275

Ion Ratio Lower Upper

139 100

109 0.0 46.9 86.9#

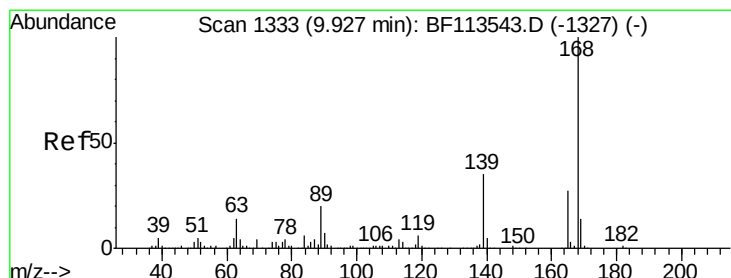
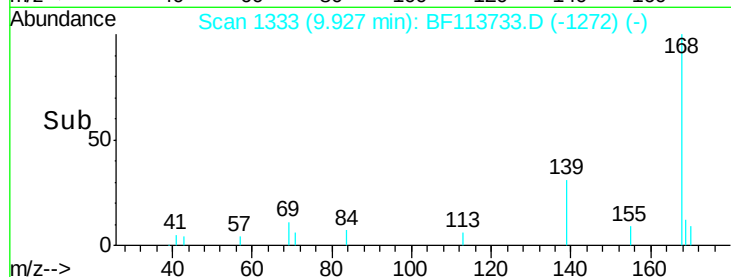
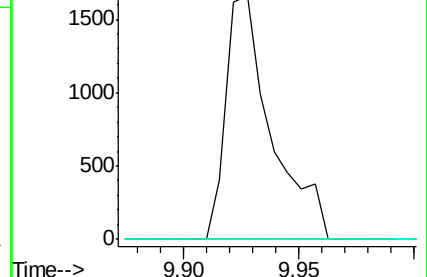
65 0.0 77.2 117.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.637 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Tgt Ion:165 Resp: 29521

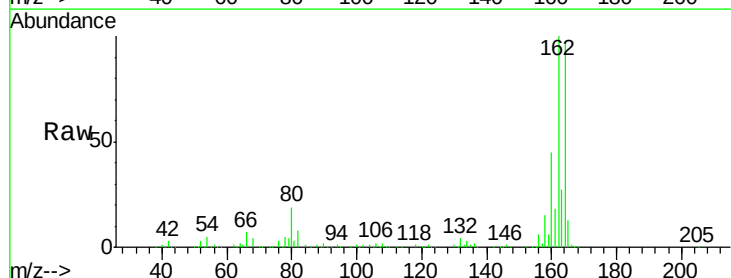
Ion Ratio Lower Upper

165 100

63 1.3 37.5 56.3#

89 1.6 57.4 86.2#

182 0.0 2.0 3.0#

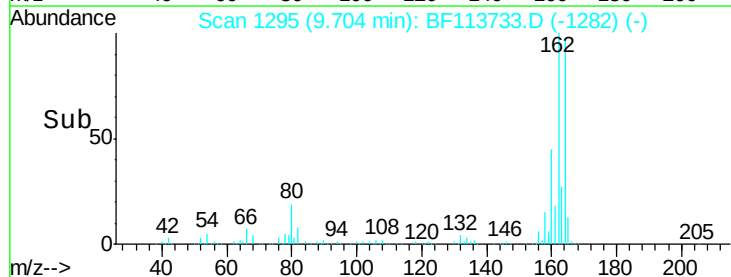
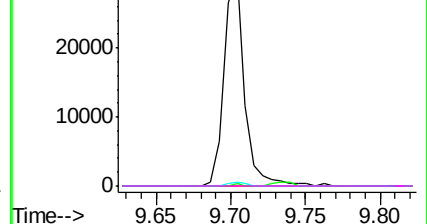


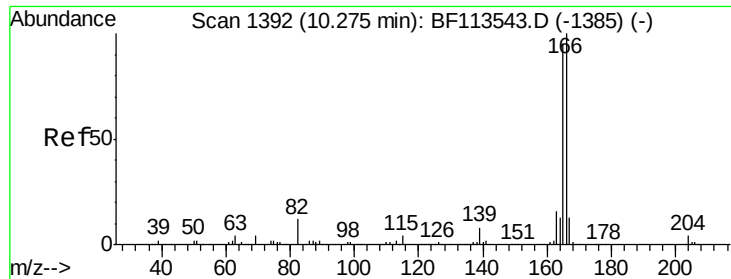
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.524 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

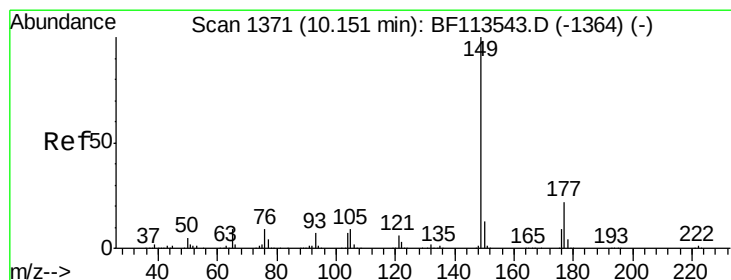
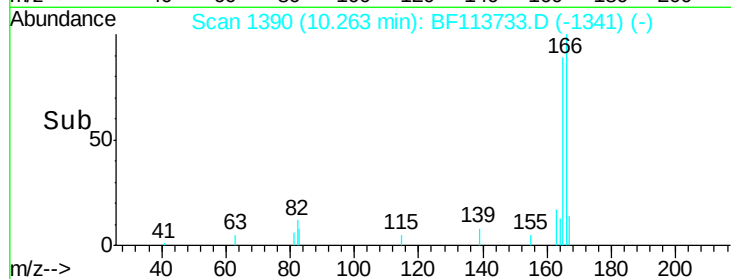
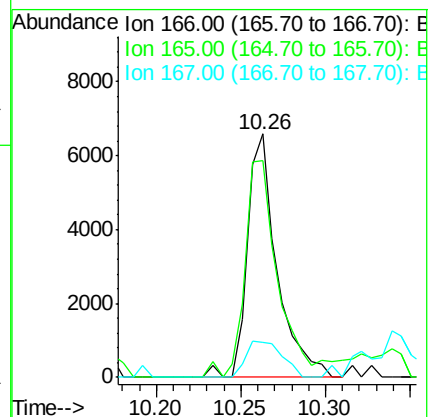
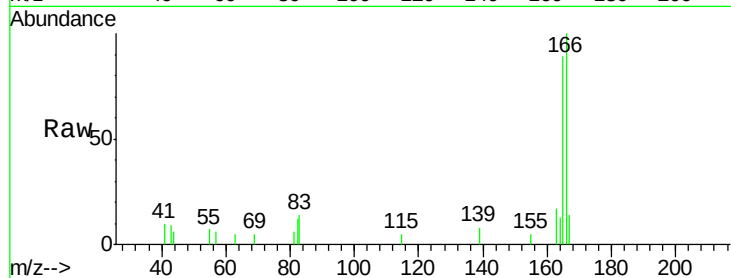
Tot Ion:166 Resp: 8009

Ion Ratio Lower Upper

166 100

165 88.8 76.2 114.2

167 14.1 10.7 16.1



#60

Diethylphthalate

Concen: 0.030 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

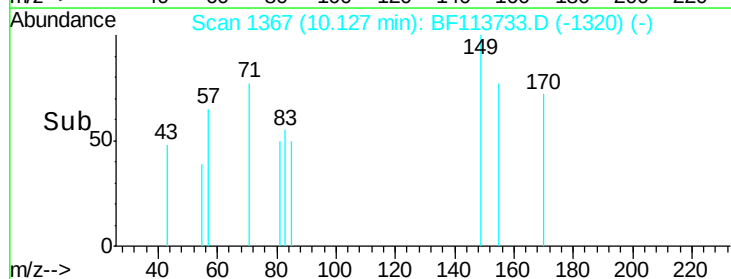
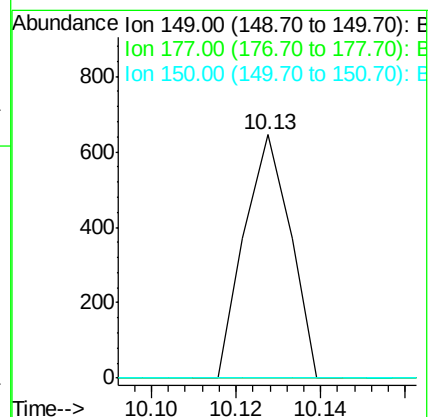
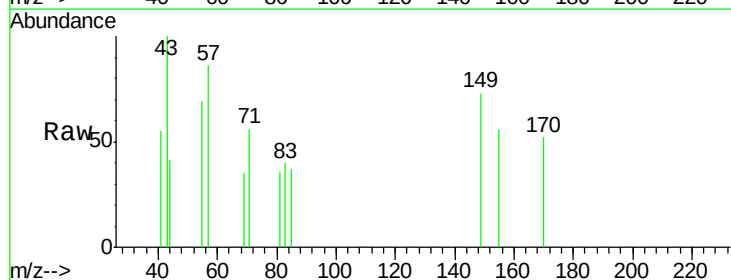
Tgt Ion:149 Resp: 490

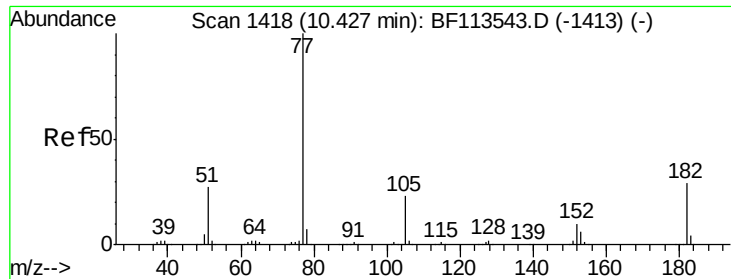
Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.0#

150 0.0 10.0 15.0#

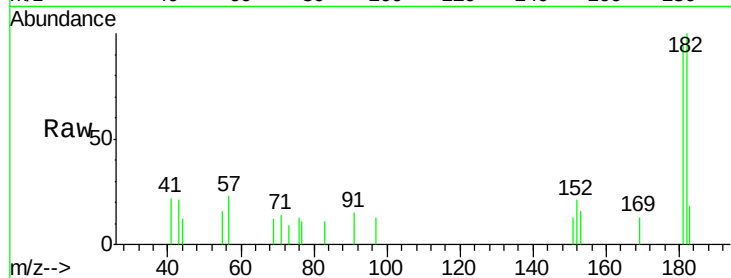




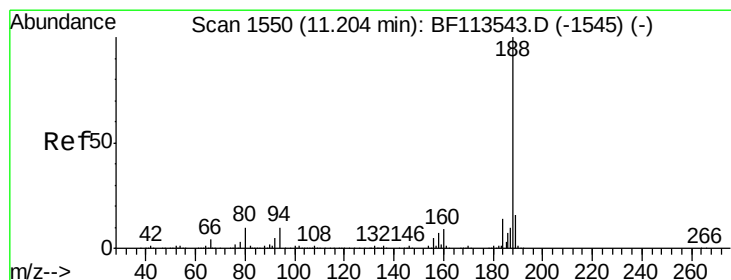
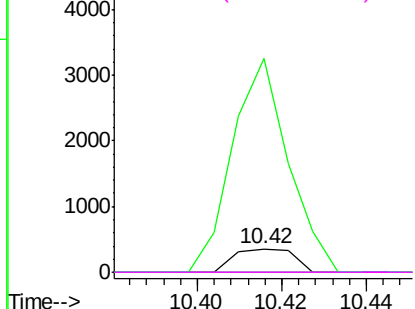
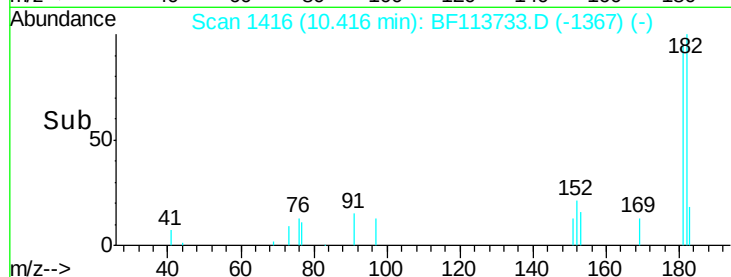
#63
Azobenzene
Concen: 0.023 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 354
Ion Ratio Lower Upper
77 100
182 919.5 8.7 48.7#
105 0.0 2.9 42.9#
51 0.0 8.8 48.8#

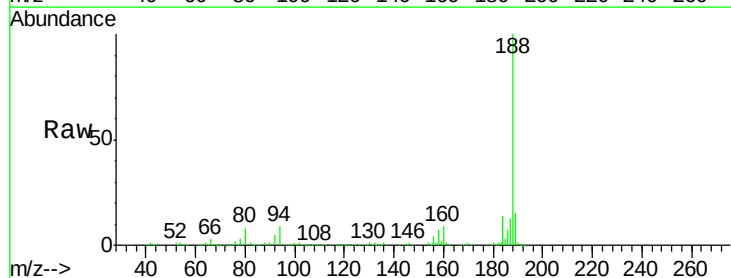


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

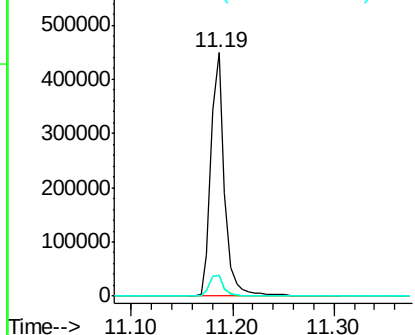
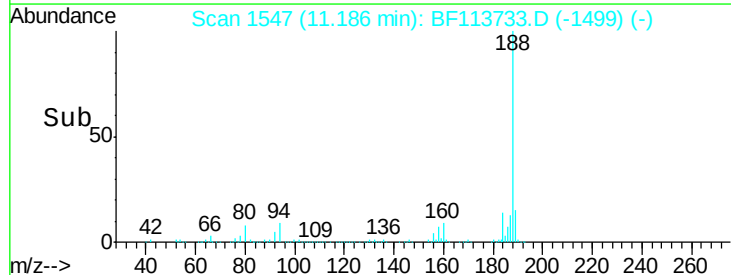


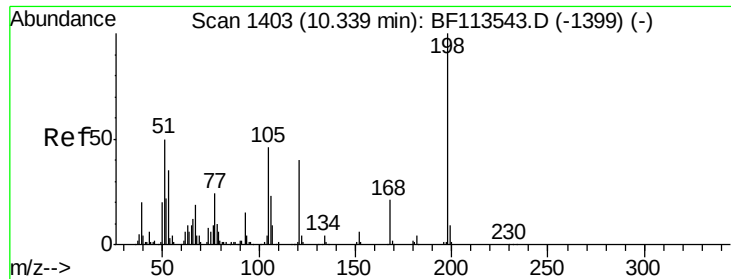
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion: 188 Resp: 419830
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

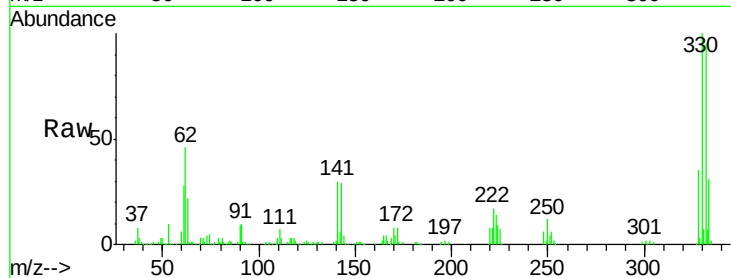




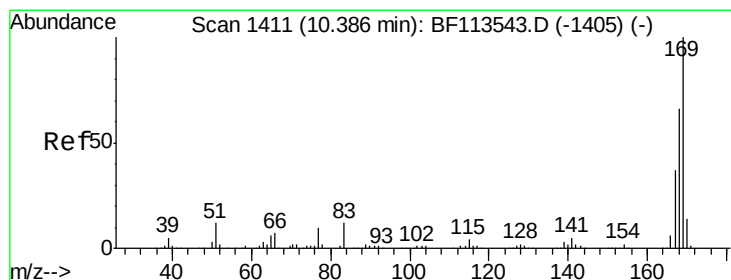
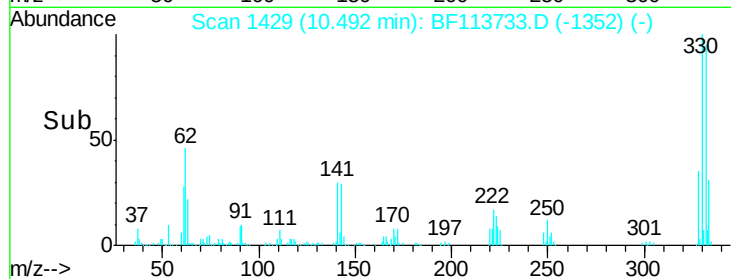
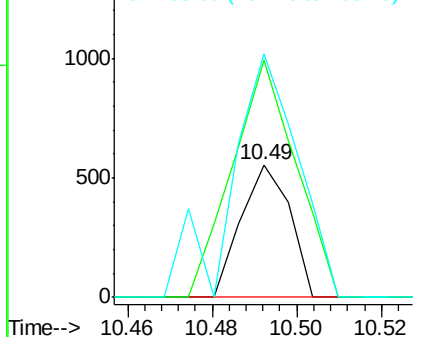
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.202 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.15 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 446
 Ion Ratio Lower Upper
 198 100
 51 179.0 21.6 61.6#
 105 183.3 20.6 60.6#

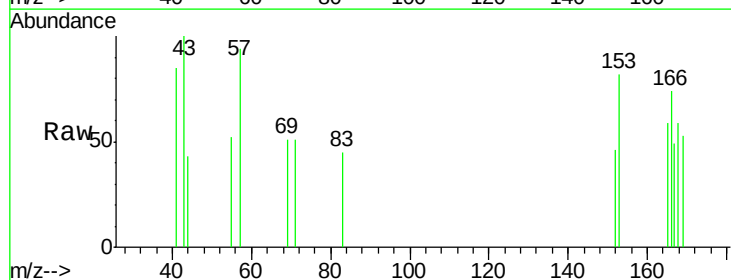


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

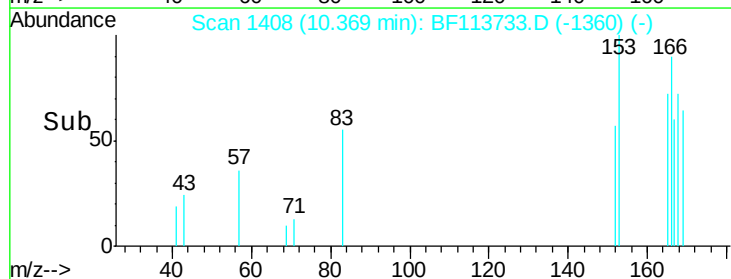
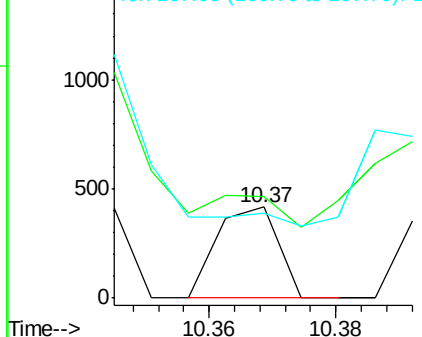


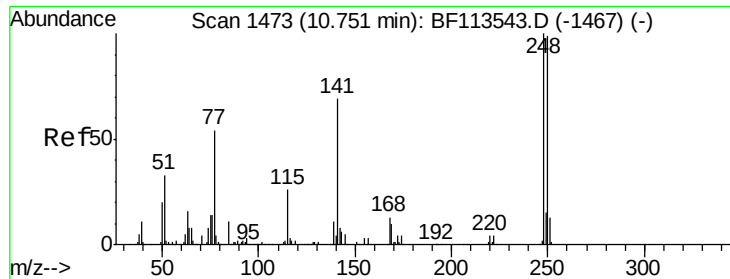
#66
 n-Nitrosodiphenylamine
 Concen: 0.021 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Tgt Ion:169 Resp: 276
 Ion Ratio Lower Upper
 169 100
 168 112.0 53.7 80.5#
 167 93.0 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

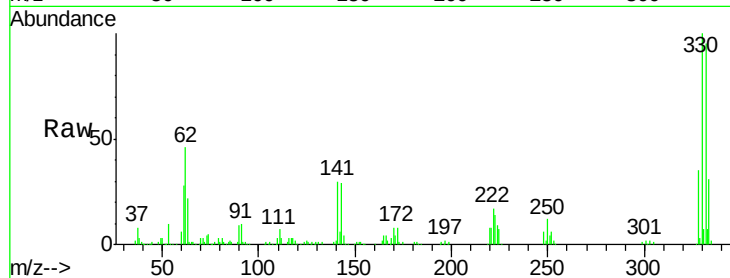




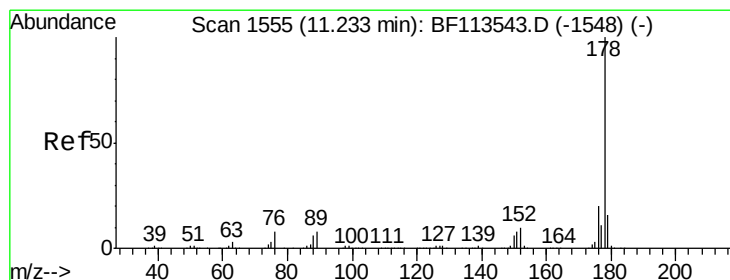
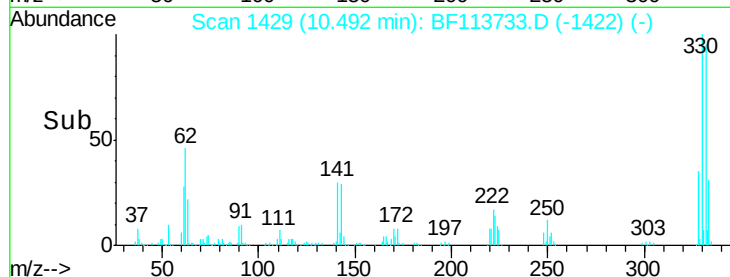
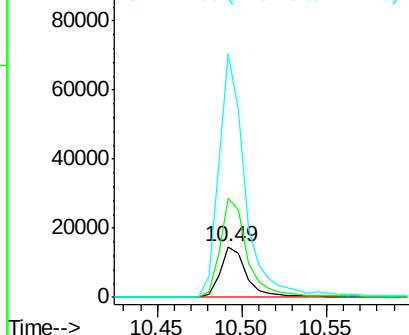
#67
 4-Bromophenyl-phenylether
 Concen: 3.434 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16170
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.3 117.5#
 141 479.7 56.2 84.4#

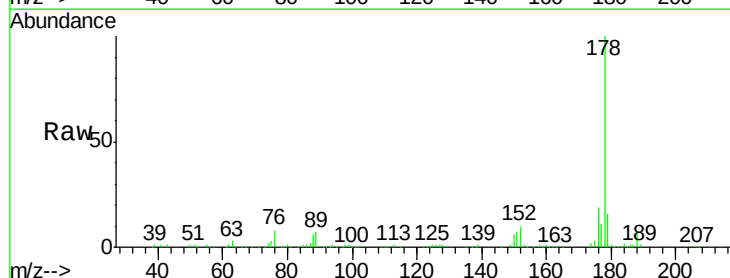


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

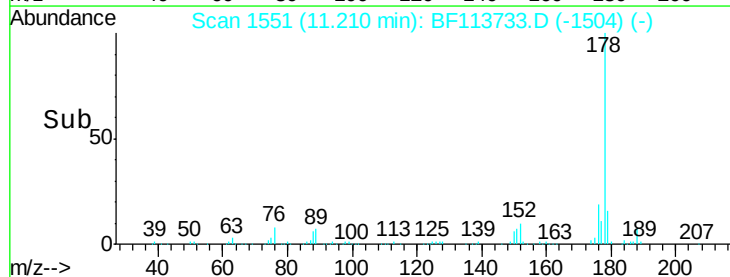
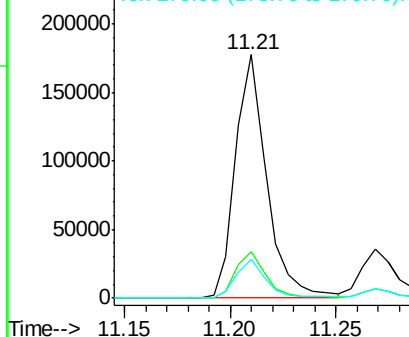


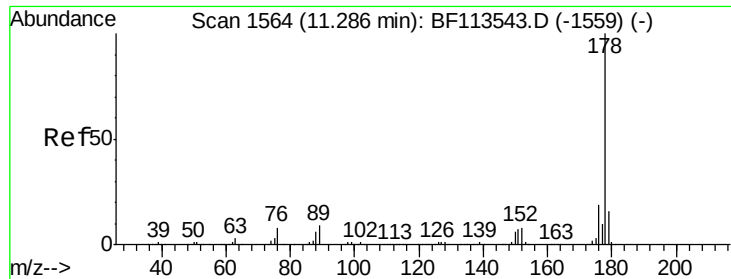
#71
 Phenanthrene
 Concen: 8.687 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Tgt Ion:178 Resp: 181222
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.2
 179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.538 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

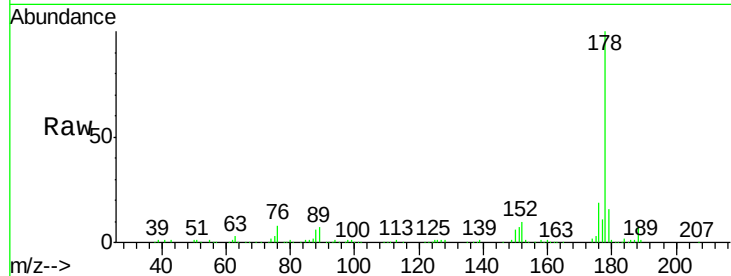
Tot Ion:178 Resp: 181222

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

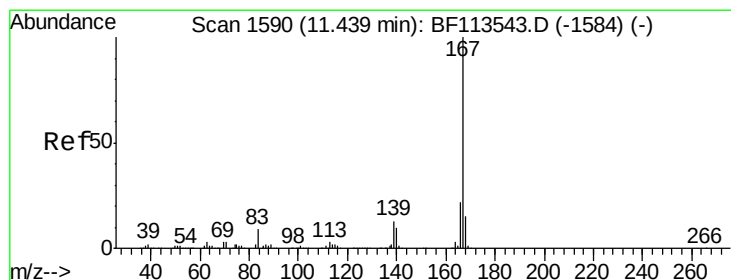
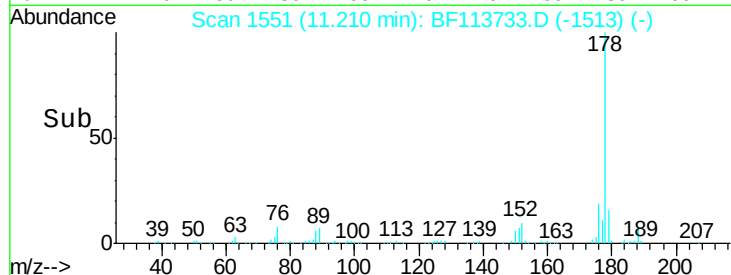
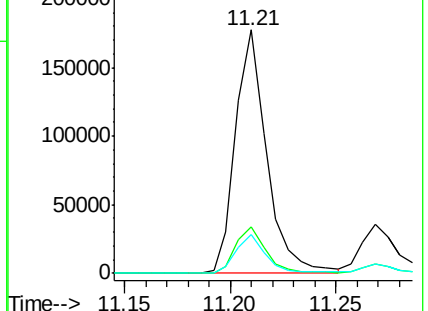
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.660 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

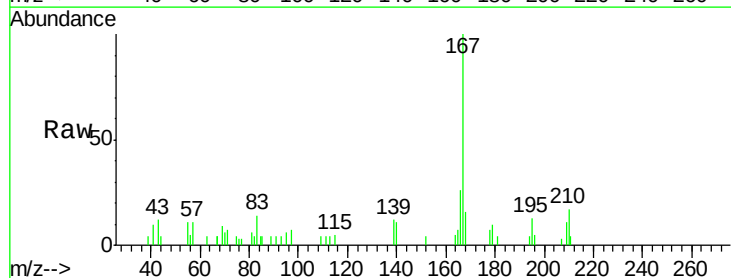
Tgt Ion:167 Resp: 13105

Ion Ratio Lower Upper

167 100

166 25.5 17.4 26.0

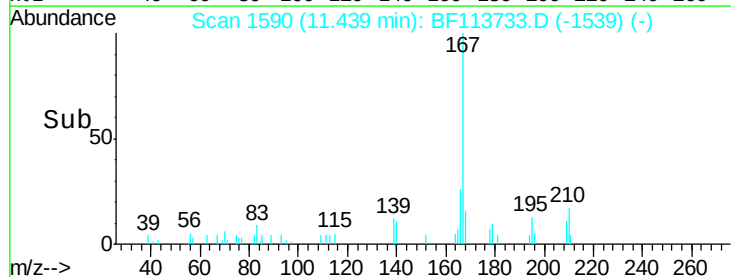
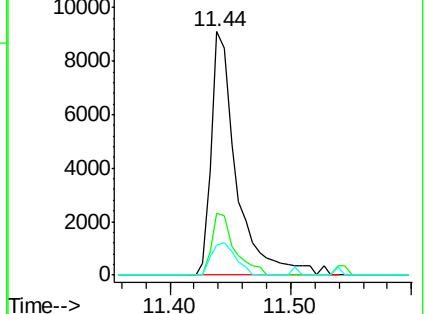
139 12.4 10.4 15.6

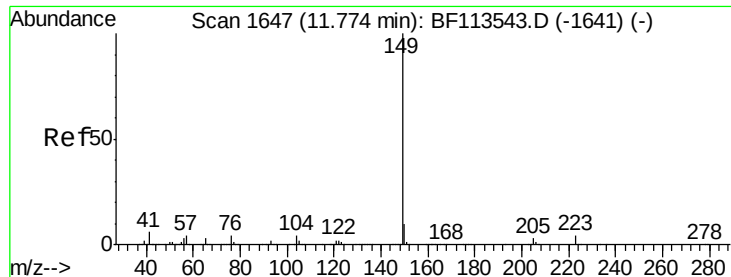


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.136 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

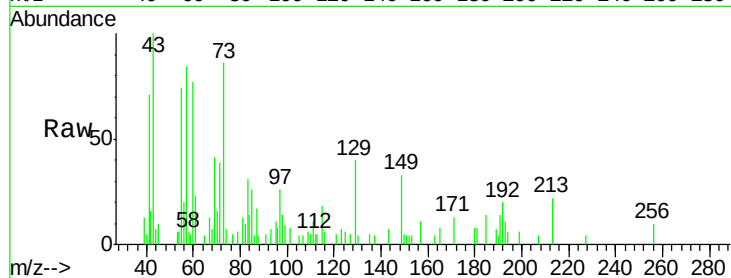
Tot Ion:149 Resp: 3202

Ion Ratio Lower Upper

149 100

150 15.7 7.7 11.5#

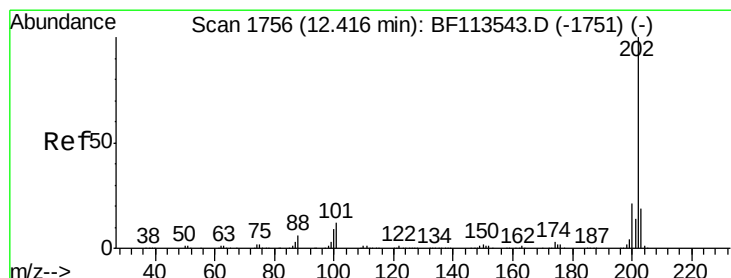
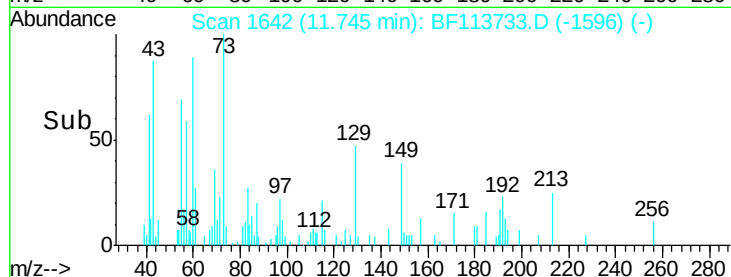
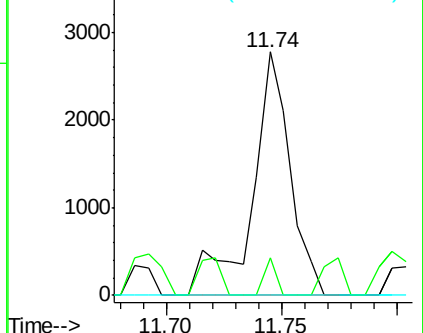
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 20.291 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

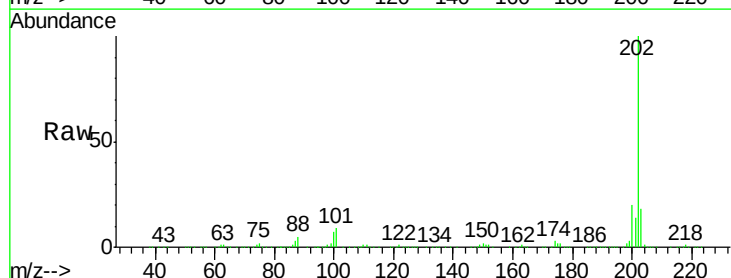
Tgt Ion:202 Resp: 453600

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.4

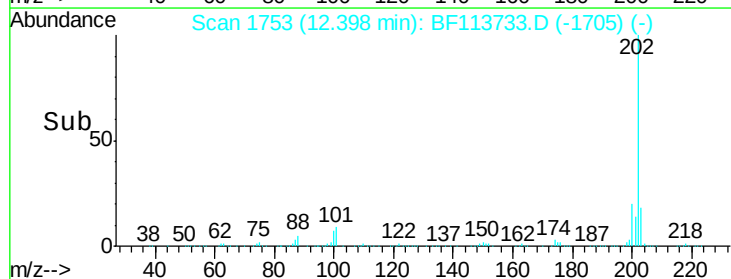
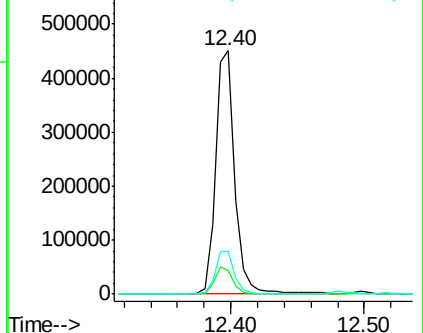
203 17.6 0.0 38.0

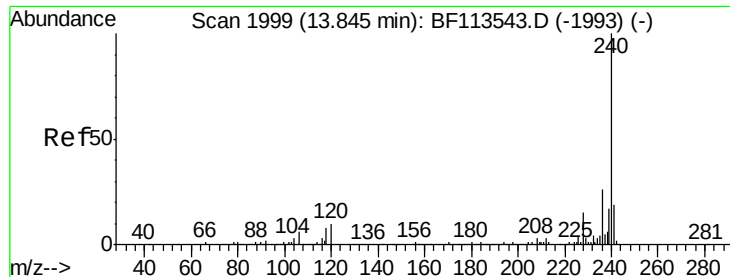


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

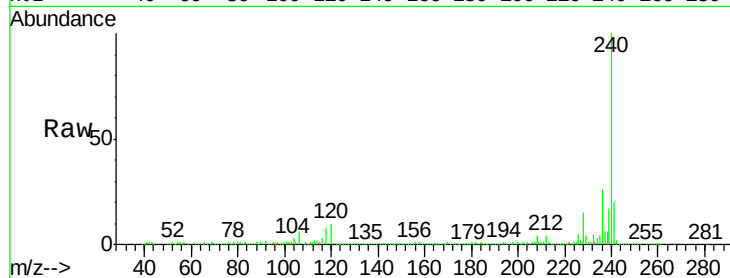
Tot Ion:240 Resp: 342328

Ion Ratio Lower Upper

240 100

120 9.6 8.8 13.2

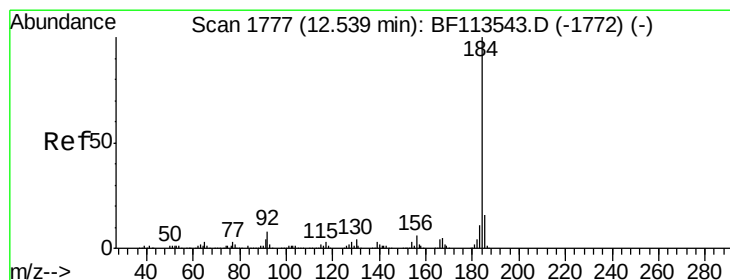
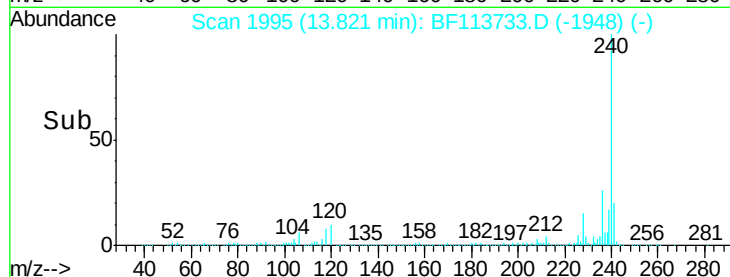
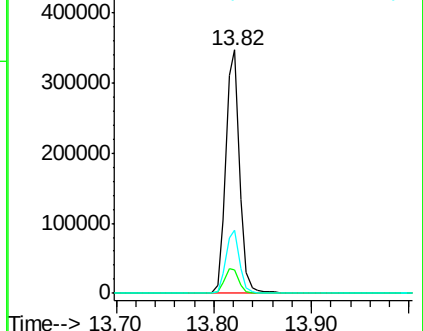
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 0.962 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.22 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

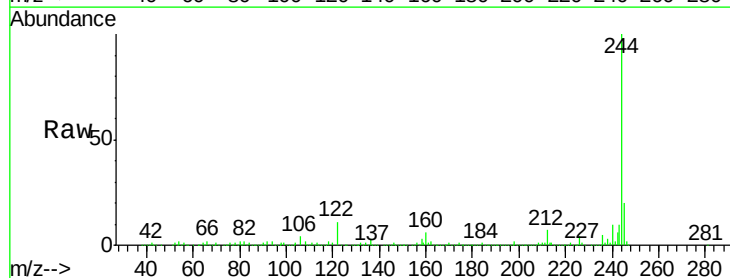
Tgt Ion:184 Resp: 12244

Ion Ratio Lower Upper

184 100

185 18.7 13.0 19.6

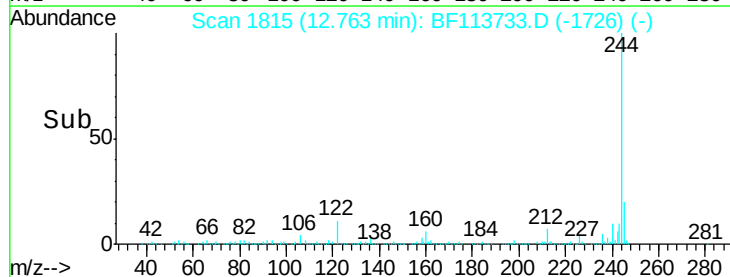
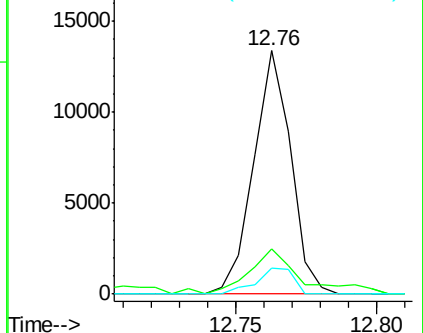
183 10.4 9.0 13.4

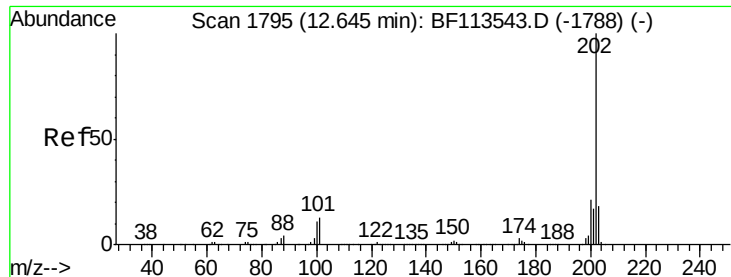


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

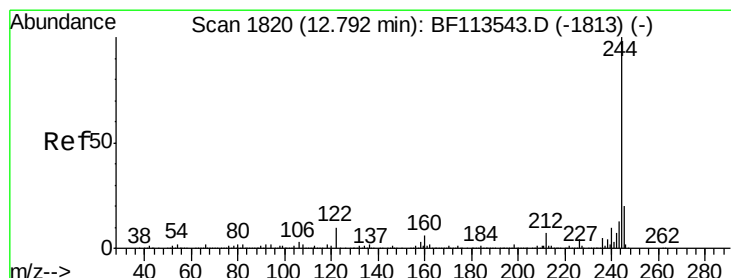
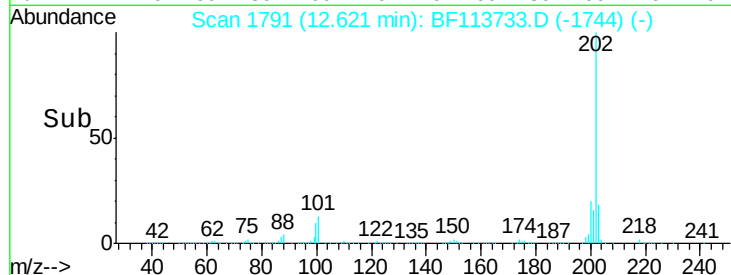
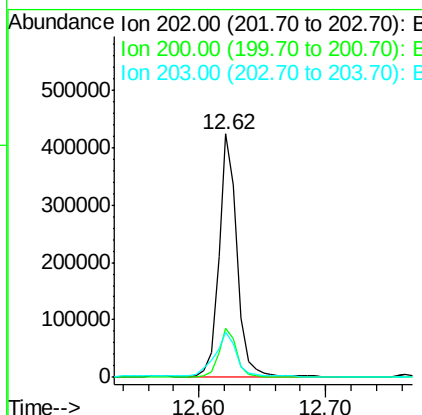
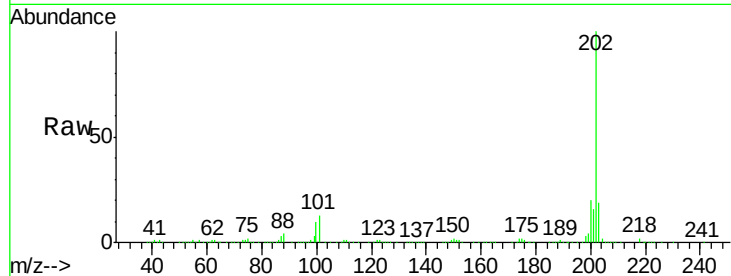




#78
Pvrene
Concen: 16.052 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

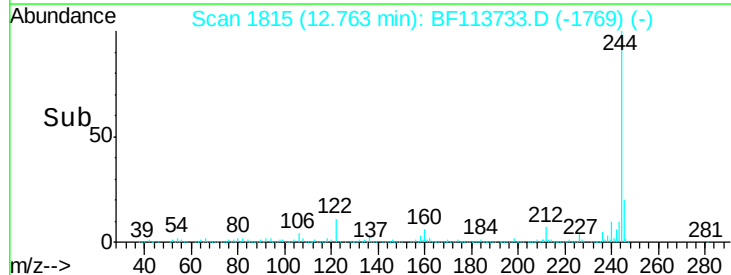
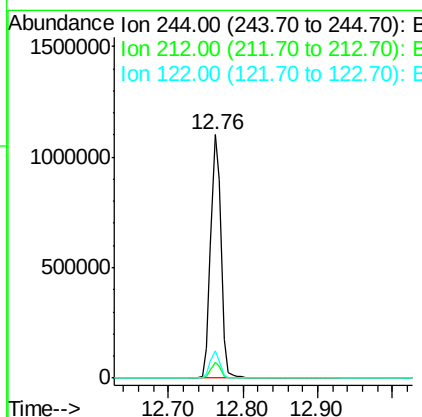
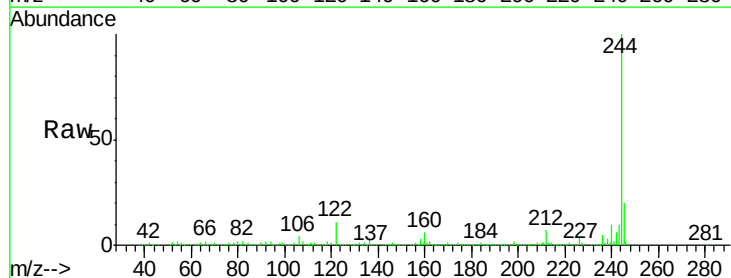
Instrument :
BNA_F
ClientSampleId :

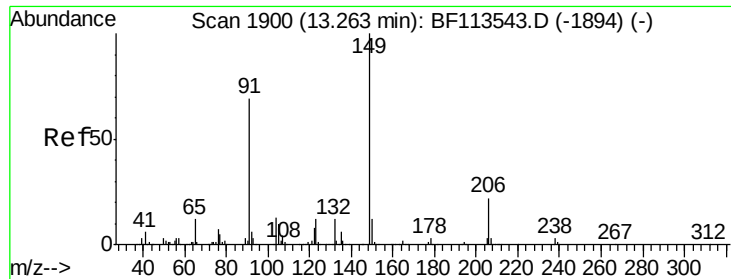
Tot Ion:202 Resp: 418114
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 18.6 14.4 21.6



#79
Terphenyl-d14
Concen: 62.910 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion:244 Resp: 1057741
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.2 8.6 13.0

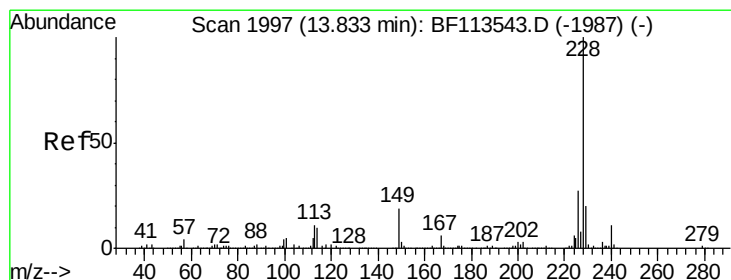
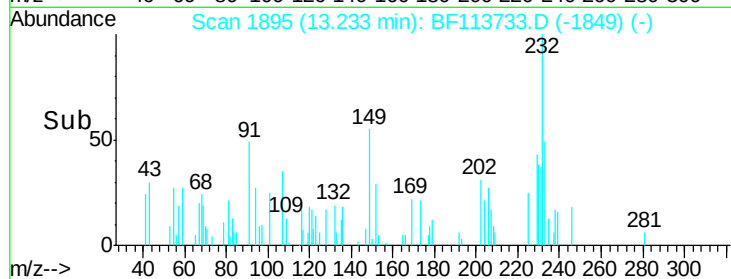
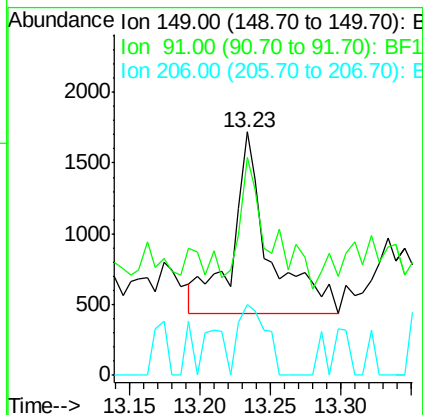
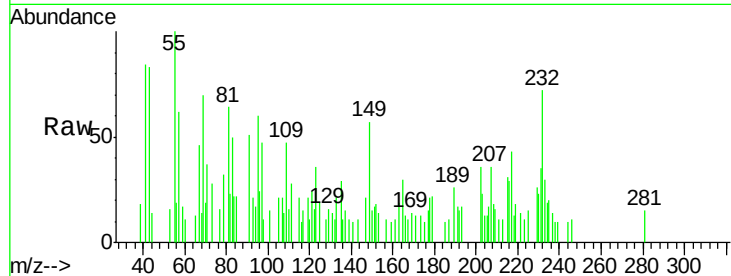




#80
Butylbenzylphthalate
Concen: 0.222 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.03 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

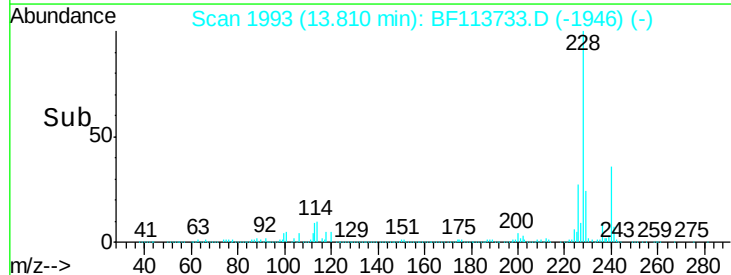
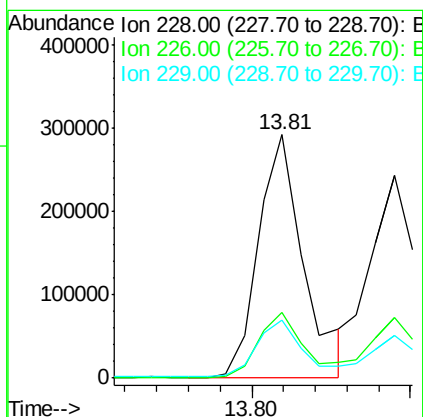
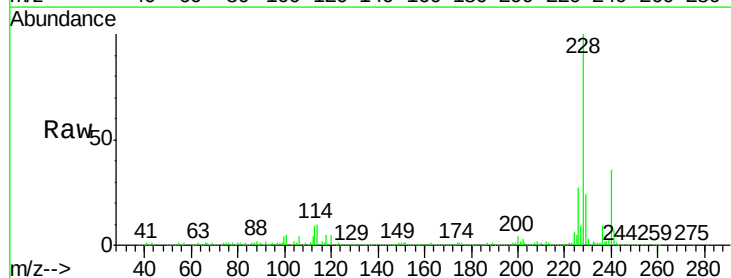
Instrument :
BNA_F
ClientSampleID :

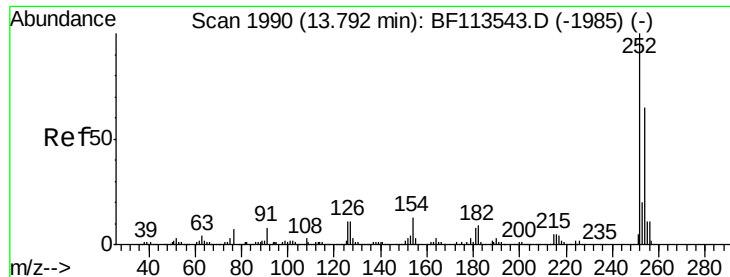
Tot Ion	Ratio	Lower	Upper
149	100		
91	89.7	55.2	82.8
206	29.1	16.1	24.1



#81
Benzo(a)anthracene
Concen: 14.521 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	24.1	16.2	24.4





#82

3,3'-Dichlorobenzidine

Concen: 0.047 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

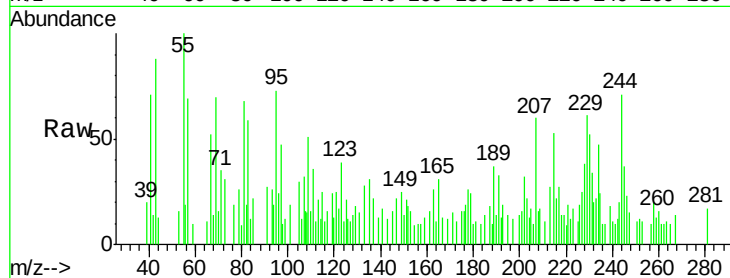
Tot Ion:252 Resp: 357

Ion Ratio Lower Upper

252 100

254 0.0 52.2 78.2#

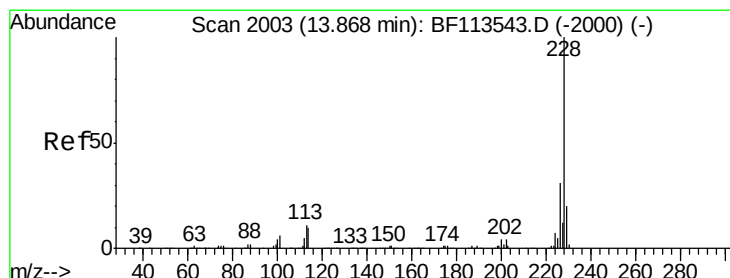
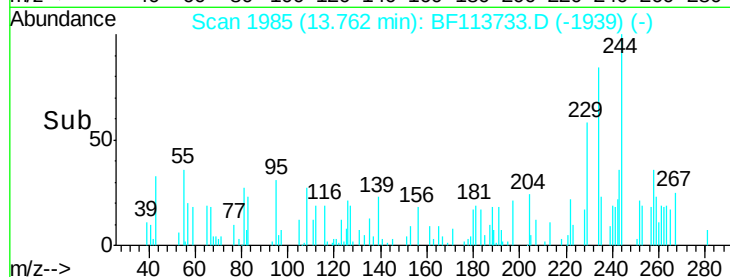
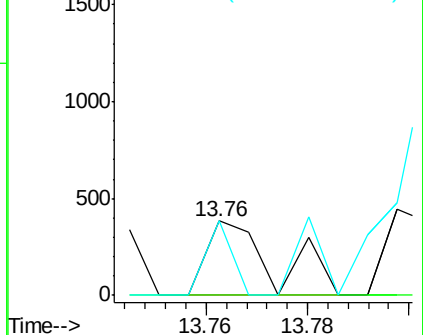
126 101.3 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 12.632 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

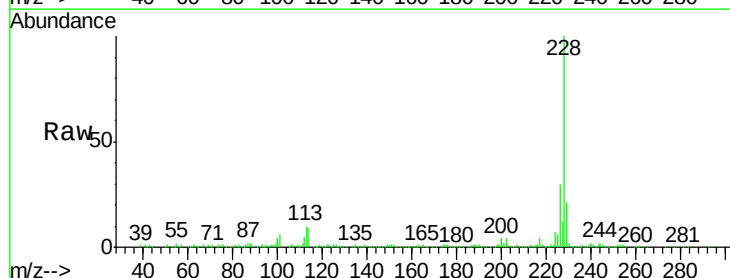
Tgt Ion:228 Resp: 252878

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

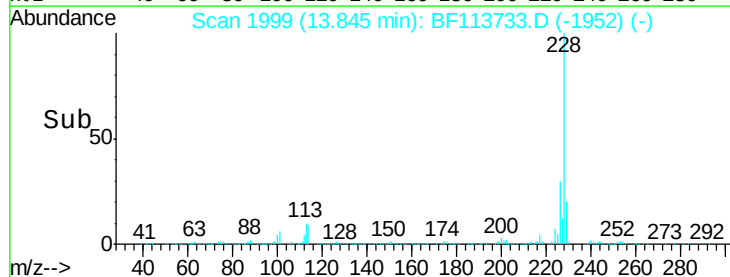
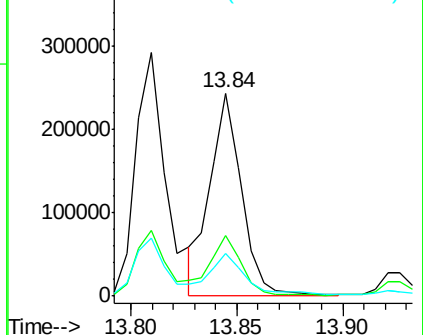
229 20.9 16.3 24.5

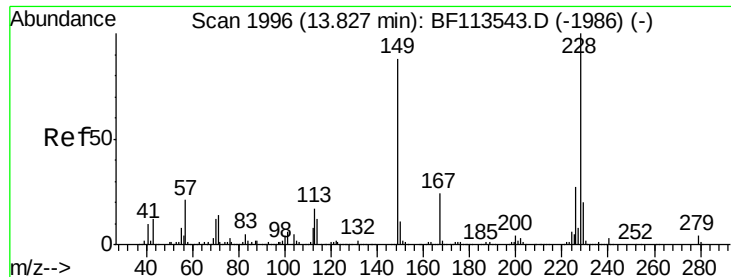


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.719 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

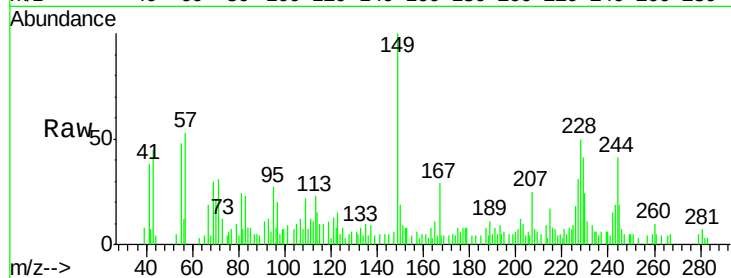
Tot Ion:149 Resp: 9216

Ion Ratio Lower Upper

149 100

167 29.2 21.8 32.8

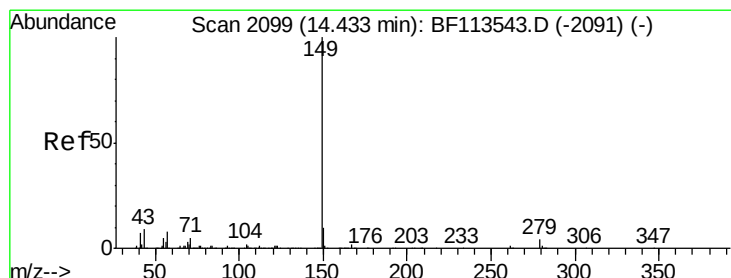
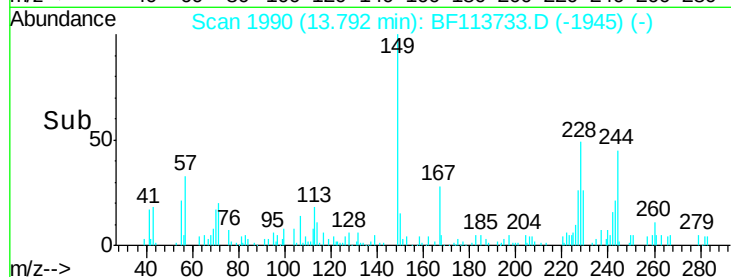
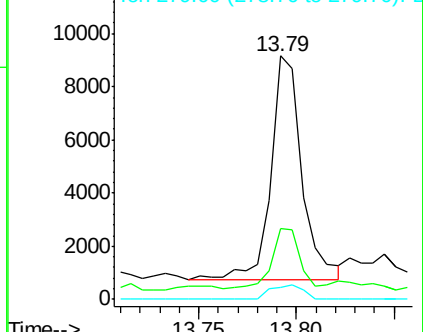
279 4.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.023 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

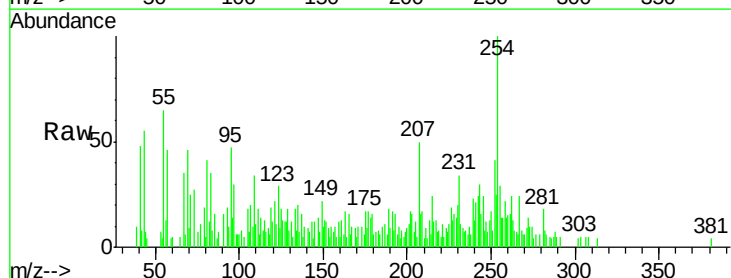
Tgt Ion:149 Resp: 475

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

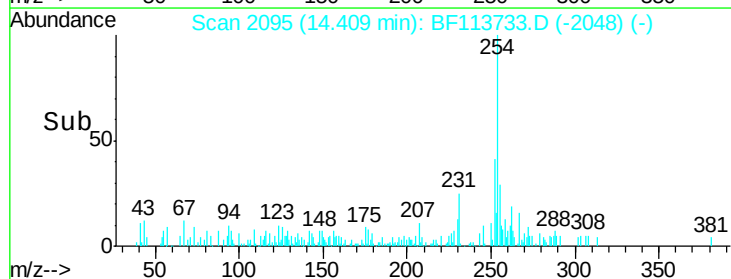
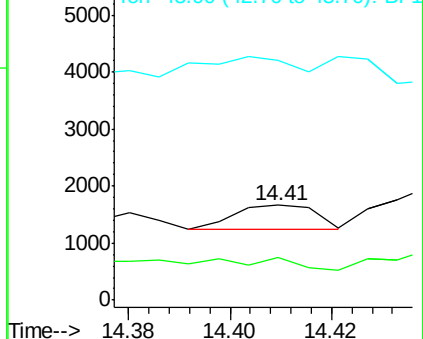
43 94.3 7.7 11.5#

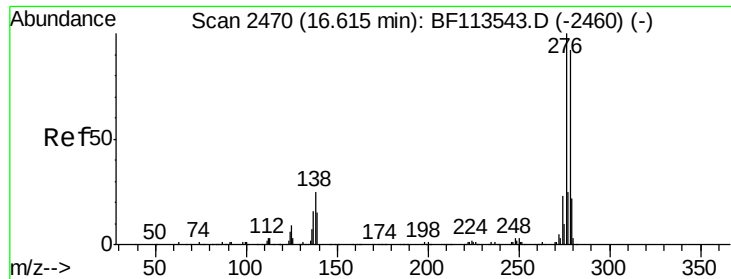


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

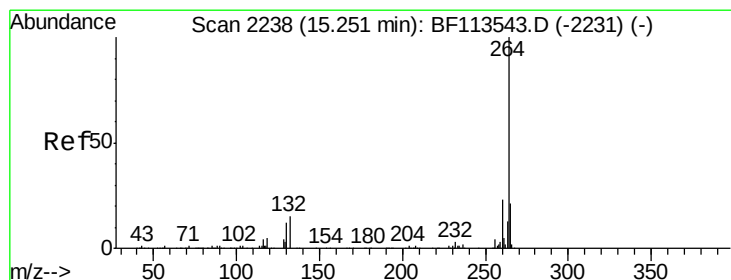
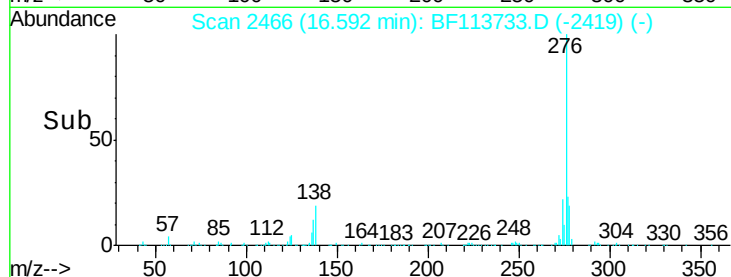
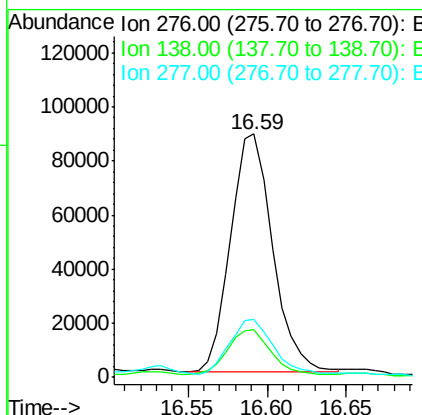
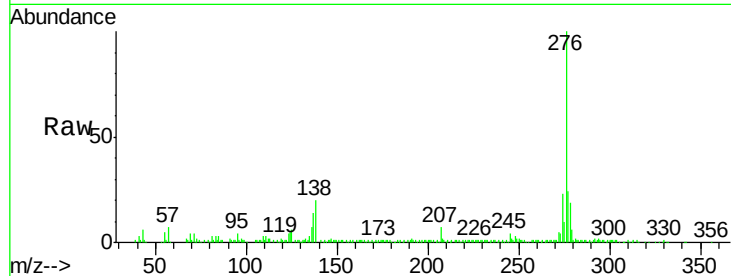




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.778 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

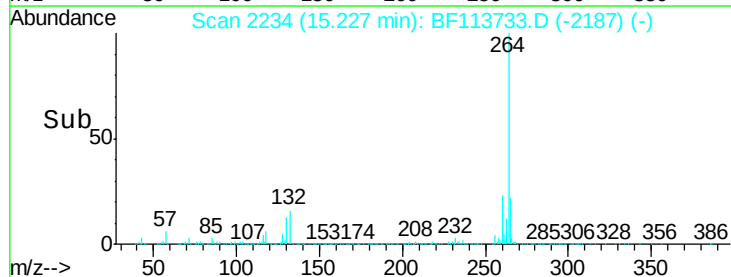
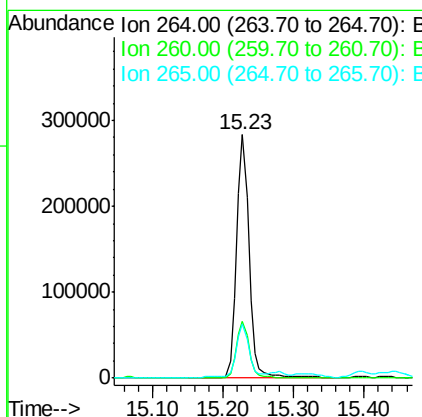
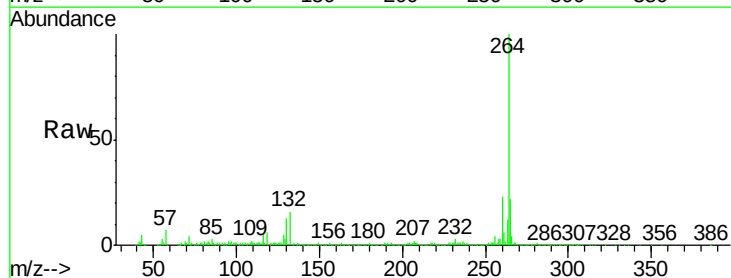
Instrument :
 BNA_F
 ClientSampleId :

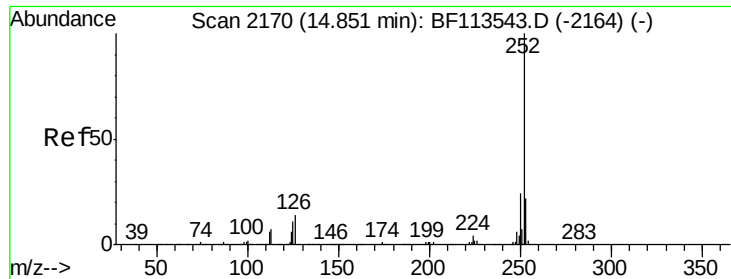
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.1	27.1
277	23.3	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113733.D
 Acq: 11 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.0	17.1	25.7

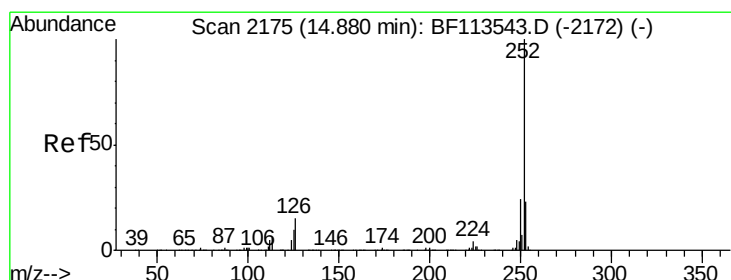
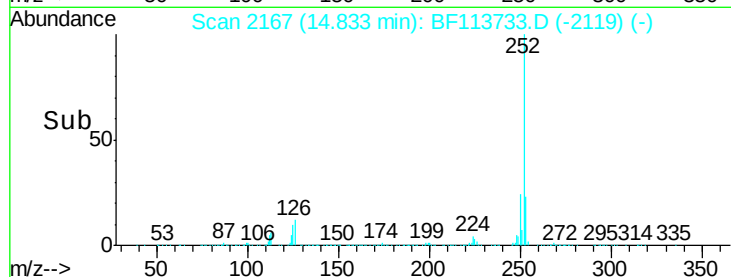
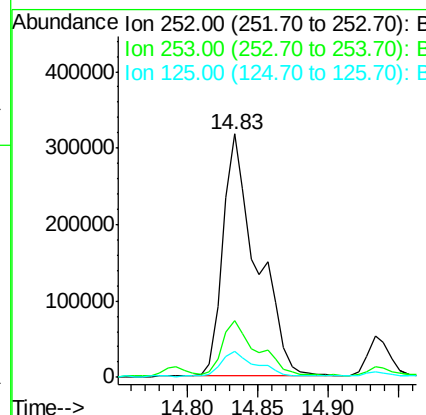
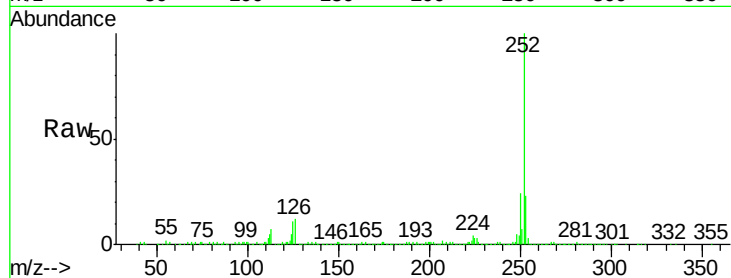




#88
Benzo(b)fluoranthene
Concen: 24.843 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

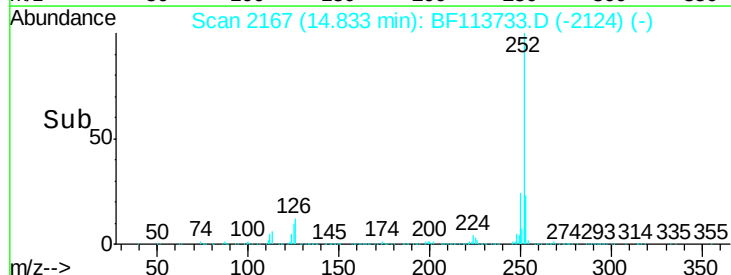
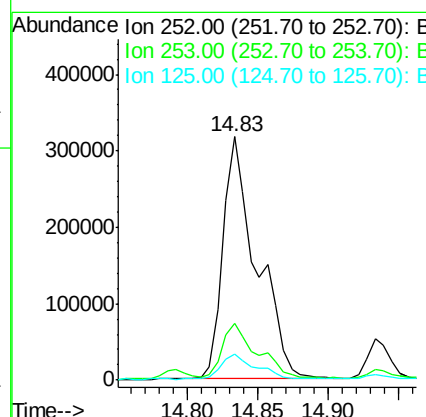
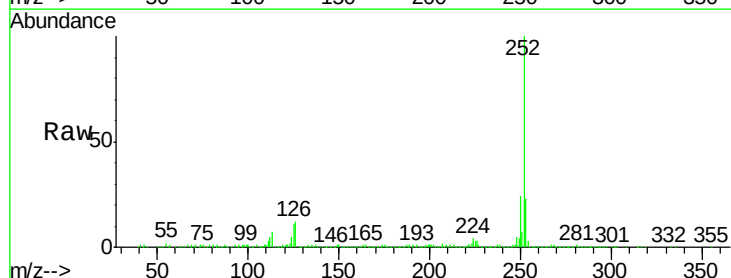
Instrument :
BNA_F
ClientSampleId :

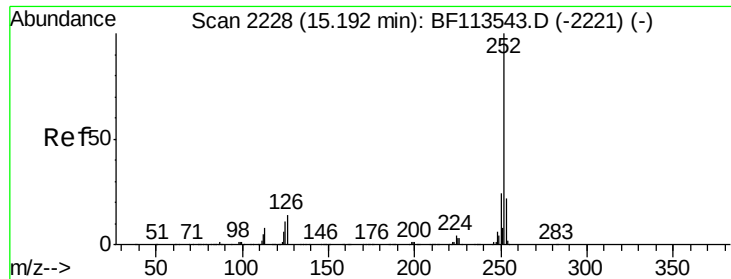
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	10.6	7.6	11.4



#89
Benzo(k)fluoranthene
Concen: 27.681 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.6	7.3	10.9

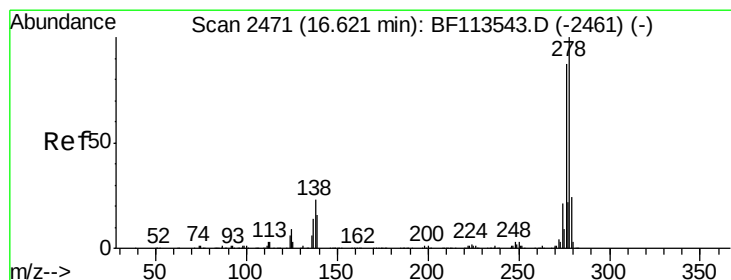
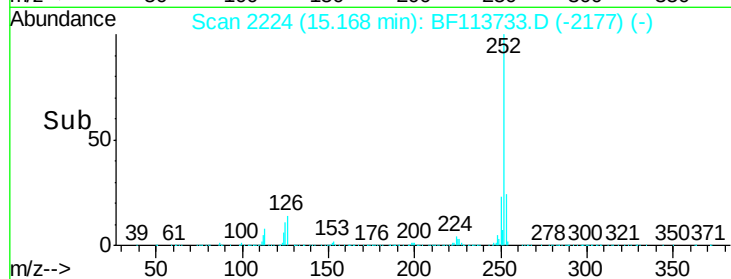
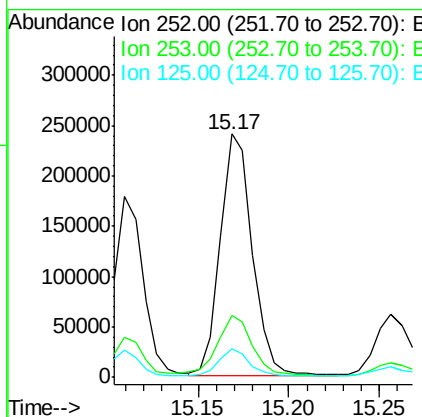
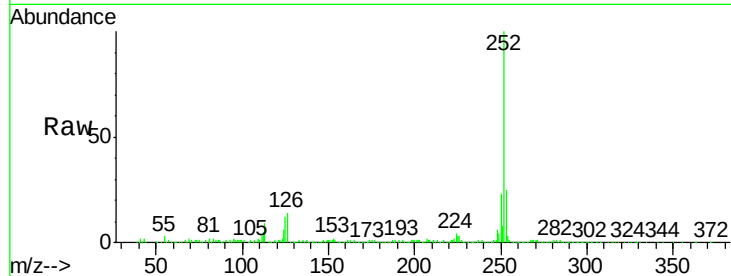




#90
Benzo(a)pyrene
Concen: 15.731 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

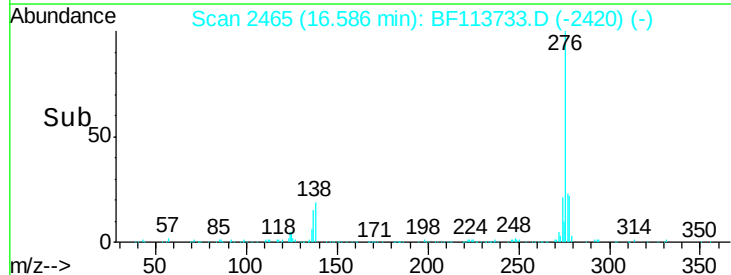
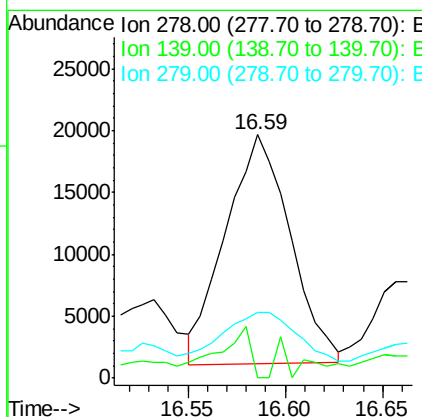
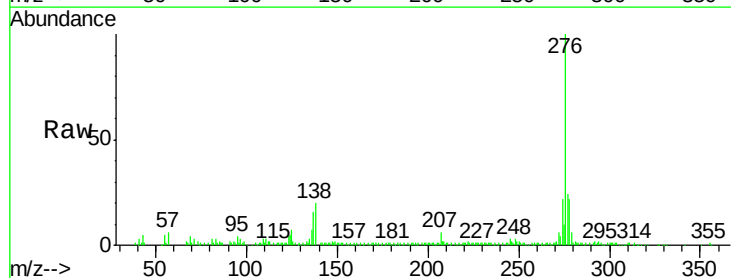
Instrument :
BNA_F
ClientSampleId :

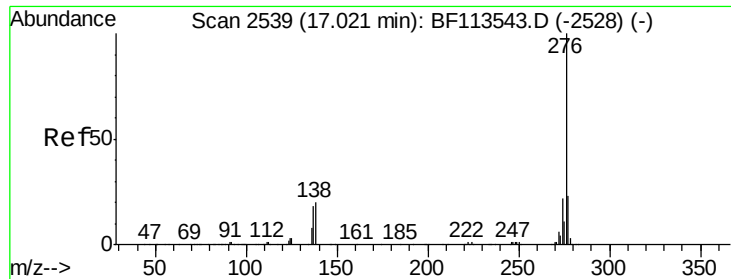
Tot Ion:252 Resp: 297863
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 11.7 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 2.405 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.04 min
Lab File: BF113733.D
Acq: 11 Apr 2019 21:25

Tgt Ion:278 Resp: 42577
Ion Ratio Lower Upper
278 100
139 0.0 12.0 18.0#
279 27.2 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 8.832 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF113733.D

Acq: 11 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

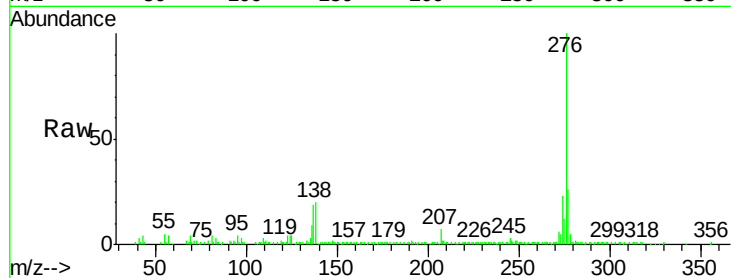
Tot Ion:276 Resp: 159617

Ion Ratio Lower Upper

276 100

277 26.5 18.8 28.2

138 20.4 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

